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"If Ghana becomes a republic," he added, "we shall, in fact, be acting in conformity with the principles of our traditional and indigenous institutions—principles on which chieftaincy in Ghana is based."

"If Ghana becomes a republic it will be to the advantage of the chiefs because they will not suffer the enjoyment of any advantages, privileges or immunities they enjoy to-day."

Yesterday, Mr. Adjei, addressing the Joint Provincial Council of Ashanti at Dodowa, said that the Government had no intention of abolishing a republic, but that it was so if this was the desire of the people.

Only major change which would be that the General would be re-elected President.

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Ghana's Minister of Justice stoned to-day as the place of Sir Osei. "Chief of Ashanti people. A police said. an inspection in Ashanti.

### ATION

of Shaw was re-shipment meeting

and reports also came from the West Country and the Brecon Beacons.

But last night weather experts said it had nothing to do with the weather, the Air Ministry said no aircraft was missing. A Meteorological Office spokesman said there had been no reports of a meteorite.

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### Ship's paint

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Skipper Sutton was in his cabin during the night as the trawler Ella Hewett steamed to Iceland past the Isle of Man.

"The paint was definitely there before I went to bed," he told the owners. "But this morning only the red-lead undercoat was left."

The man on watch told him he saw a flash during the night but did not take much notice because he thought it was lightning.

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He also discounts a report from east Belfast, where a man saw an "arrow in the sky, with a long, flaming tail" at 4-25 p.m.

At the Royal Observatory, Hurstmonceux (Sussex) a spokesman said that they attached no importance to the reports of the "ball of fire." "We get two or three reports like that most nights," he said.

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"newsletter" Sat.  
30 Nov. '57

VOL. 25.

s, plants, etc.  
shellex  
ill 18th May 1958.



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Ghana's Minister of Education was stoned to-day as he left the office of Sir Osei Kwame Ninsin, "Chief of the Ashanti people. A police officer said. The Minister was on an inspection tour in Ashanti."

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# "Moped" licences for 15

By "Owner-Driver"

It is, unfortunately, only on the rarest occasions that proposals for new motoring legislation by the Government meet with approval by at least a section of the motoring community. One of these rare proposals is that made

recently in which the Government indicated their willingness to examine the possibilities of permitting young people of 15 years of age to drive motorised bicycles of the "moped" category. The Government, I should explain, is that at Westminster, but I have no doubt that any action taken will be considered by the Ulster Government.

Now I cannot expect many parents to greet the announcement with any great joy, but I am convinced that by permitting the use of these small machines at the age of 15 and, by the same token, debarring 16-year-olds from using some of the extremely fast motor cycles available, the interests of road safety will be served while the young people will have an enforced measure of "progressive driving" which will be to their advantage.

That indefinable quality of "road sense" cannot, unfortunately, be acquired from books, and at 15 years of age one is mature enough to profit from practical experience of road conditions.

## Two unusual cars tested

During the past few days I have had an opportunity of trying two cars, both Hillman Minx models, which were rather outside the normal standard versions of this popular car. The first was fitted with Mannumatic two-pedal transmission, in which no clutch pedal is employed. It was of special interest in that it was the first two-pedal car I have tried in which the gear lever was of the steering-column type. This two-pedal control, I should report, is available to all Minx buyers as an optional extra.

In the Minx, the simple action of grasping the gear-shift lever is sufficient to bring the Mannumatic

**Pontons**  
**DIESEL**  
**ENGINES**

SPARES FOR  
**CLARENCE**  
ORMEAU  
SPARES ENTH

**ACCIDENT DATA**  
**MORE RAPID**  
**CHARLES**  
*One of Ulsters*

clutch control into operation. Indeed, the control is fascinatingly sensitive, and even resting a finger lightly upon the control level is enough to withdraw the clutch. When one remembers that the gear lever is rarely moved without the necessity for the clutch being operated, the combining of both actions in a single control is not only desirable, but something which should have been part of automobile design from the earliest days. How very much more simple is the act of driving with a competent two-pedal transmission. One becomes accustomed to the two-pedal Minx in a matter of moments and I was delighted to note that it is remarkably free from such vices as "creep" which idling and yet sensitive enough as to permit short forward-and-reverse movements necessary when parking in confined spaces.

The second Minx was rather unorthodox. My recent run on the Morris Minor 1000 with Alexander special conversions led to the known competition motorist J. E. Dowling, inviting me to his Minx car, which has all the resultant performance of an already lively car in a fast carriage indeed and



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# DIARY

OF

Hymenoptera, other insects, plants, etc.,  
seen or taken by A. W. Stelfox  
from 29th June 1957 till 18th May 1958.



4

Keynotes 6 Oct. 1904.

*Apartes* зусилюючи? 294

Microplutes Trinity 07

Dacnusa areolaris group. C: none etc.



2

29.6.57 (2) cont. Sand Dunes

*Euclyptus* *indiana* 5 ♂♂ + 2 ♀♀, 4 only mtd, ant. 21-22  
6. 7. small, ♂, ant. 42.  
*Aphidius* spp. ca 15.

*Praon* 3 = *P. grandator* ♂, only mtd.

*Chalcids* ca 30. given to Graham.

Taken at 3. (Sand dunes, after lunch: 2.0 - 4.0 P.M.)

*Dacnusa* 4 ♂♂ : 1 mtd. =  
*Pentapleura fuscicornis* 1, not mtd.  
*Euclyptus* cf *indiana* 2 ♂♂ mtd., ant. 23 & 24.  
*Monticola apertus* 1 mtd ♂ : not mtd.  
*Phygadeuon* ♂ : not mtd.  
*Exochus* : not mtd. *Mesochorus*, small ♀, not taken, probably =  
*Pentapleura* ♀ = *Leptopygus* *terrestris* ♀, ant. 28.  
*Caenophanes* 7 only one mtd. = *Bistorta* (*halictus*) *caenophanes* ♂ ant. 22.

*Brachy* 7 : 5 mtd. = *B. migrator* ♂, ant. only 28.  
*B. osculator* ♀, ant. 22.  
*B. grandator* 1 small ♂, ant. 31, 1 larger ♂ & 1 ♀, both with antennae better off;  
the larger ♂ has abd tergites more strongly sculptured than the smaller ♂!

3

29.6.57, (3), cont. Sand dunes S. of Marlborough Ho., DO., cont.

*Rogas geniculator* ♂, ant. 48.  
*Aphidius* cf *zygocarpus* ♀.  
*Oxytelus chrysator*? ♂, ant. 29.  
*Perilissus* *notatus* 3 ♂♂ mtd. *Centistes fuscipes* ♂, ant. 19.  
*Oxytelus* *lucis* ♀, ant. 24.  
*Dacnusa vitripennis* 1 ♀, ant. 30. *D. areolaris* 2 ♀♀, ant. 19 & 20.  
*D. areolaris* group 2, not mtd.  
*Euclyptus* *indiana* 4 ♂♂, 1 ♀, not mtd.  
6. sp? ♂, ant. 41, mounted with black, same as taken at 1?  
*Aphidius* spp. ca 40 not mtd.  
*Praon* 2 : not mtd.  
*Chalcids* ca 15 given to Graham.

*Exochus* glabrus, black, ant wings =  
*Henicostoma* =

30th June. After a shower during night, a dry hot day.  
(Sunday) Spent day discussing *Pentapleura* etc., with  
Zachary & Francis Graham.



4. 17 July 1957. A very warm day with light W-NW breeze, but heavy showers in afternoon from 2 P.M. onwards, one of which spoiled our chance of collecting in the oak wood at Rosturor.

Left Newcastle about 10-20 A.M. & partly driven by Mr. Galtry to Grafield Point at entrance to Carlingford Lough where collected along shore for an hour - 11-15 to 12-30 noon = 1.

Then drove N. & stopped on shore of the estuary of the White Water about a mile N. of the bridge at Benagh from 12-30 till 2-30 P.M. = 2.

Finally drove on to Rosturor again after heavy shower & walked up through the wood to Ballymore & back - 2-45 till 4-45 P.M. = 3, then home via Rathfriland.

### Grafield Point, Co. DO.

Insects taken at 1.

*Heterotoma elliptica* ♀ on yellow composite: not mtd.

*Heurysia* = 2 ♂♂: not mtd.

*Microgaster*

*Euphorus pallipes* ♀ ant. 22.

*Opius caesus* 2, small: not mtd.

*Pentapleura angustula* very small ♂, ant. 21.

17. 57. (1) cont

*Aspilota* ♂, minute: not mtd.

*A. (Synaldis) cf. undulata* ♀, ant. 18.

*Beccus andrewsi* group, including several minute, & at least one *maculipes*: none mtd.

*D. elegantula* 1: not mtd.

*D. (G.) affinis* 2: not mtd. { all taken at same place }

*D. (G.) uliginosa* ♀ (on fresh bird!) { at foot of boulder along cliff }  
the only mtd., ant. 26; tergite 1, square & not depressed as usual.

*Chorebus caryocarpus* ♂, ant. 24.

Aphidid. spp. about 20, including series of very small sp. with pallid stipes: none mtd.

Proctos: *Platygaster subulatus* ♂ & ♀♀ on seaweed & salt at *Medicago* (bryoidae plants) & some blackish: none mtd.

Chalcids 10 given to G. Galtry.

Dipteron: *Sedospastather thomsoni* fide H.W. Galtry.

Hemipteron: not mtd.



1.7.57, cont. Estuary of the White Water at Basingstoke, Co. DO.  
Insects taken at 2. (Sabb. wood!)

*Phaenocarpa* 2 ♂♂: one with 1st abdominal segment, ant. 28.

*Cryptine* (Hemiteles, *Phygadeuon*, *Stenobothrus*?) 2 ♂♂: 1st abd. seg. = 1st abd. seg. of *Stenobothrus* 2 ♂♂, ant. 27.

11. ... dark wings, ant. 22.

*Atentodes* 2 ant. 23 & 24.

*Pimpla* sp. 2 ♂♂ (terrestris group) not mtd.

*Campoplegid* 2 not mtd.

*Bracon anthracinus*? 2 ♀♀: destroyed by an enemy after mounting! AWS.

*Apanteles cf. obscurus* 6 ♀♀, white wings: punctured mesopleurae (also 3 ♂♂) small mesopleurae, shorter terebrae.

*Opius* sp. 3 ♂♂: one destroyed by an enemy after mounting! AWS.

*Pentapleura* sp. ♀, ant. 23: longest terebra, but not *caudatus* then!

*Aphidius* sp. 2 large ♂♂, ant. 26 & 27. Not *Aphidius*!

*Aspilota* (Synaldis) sp. 2 very minute ♂♂, 1st abd. seg. long, but with

1st seg. ant. 2 darkest legs, but by no means identical with the other!

*Microgaster areolaris* group 3, of which one nearly 1st seg.

*D. (Pachyneura) lamula* ♂, ant. 24.

*D. (P.)* = also *lamula* 2 ♀♀: one mtd., ant. 24.

*D. (P.) uliginosa* 1 very small. not mtd.

1.7.57(2) cont.

*Triclistus cantuari* 2 ♀♀

*Aphidius* sp. 12, some very minute & ...  
only one ♀ mtd. = *A. cf. ducis* ♀, ant. 12.

The first ♀ was destroyed by an enemy (?) the night after mounting but the right wing, right side, is kept and by the tip of both antennae, which were 10-segmented & escaped, these parts were mounted on the card of No. 2 ♀, which had the antennae broken off.  
A.W.S. 28.9.57

*Pentapleura* 2. *Phygadeuon* *Stenobothrus* ♀

*Chalcids* 25-30, given to Graham.

*Hedychia*! 1 ♂ mtd.

1.7.57, cont. Rostrevor Wood & around Clogh more, DO.

Insects taken at 3.

*Epitriptus* sp. 1 ♂, ant. 25. (= *E. pygmaeus*).

*Cryptine* sp. 1 ♂, ant. 25. Hemiteles sp. 1 ♂, ant. 25. (very small)

*Leptocryptus* sp. 1 ♂, ant. 25.

*Homocidus obscuripes* 1 ♂ not mtd.

*Stenomacrus ventralis* ♀ not mtd.

*St. ruficornis* group ♀, ant. 24. (very small & not mtd. = *St. ruficornis* AWS.)

*Apanteles cf. infimus* ♀

*Centistes lucidator* ♂ not mtd.



17.57(2) cont. Portlaoise, DO; cont.

*Aspilota dentifera*, small ♀, ant. 20

*A. cf. fusca* ♂, ant. 21, very small!

*Lacmus areolaris* group. 12, all small; including

*longicauda*: none mtd.

*D. cf. persimilis*: 1, not mtd.

*Aphidius* spp. 12. 1 mtd = *A. rosae* ♀, ant. 17.

*Praon*: 5. 1 mtd =

Eldest. 40-50 minute: mostly swept off grass, etc.,  
along R. Nantstown near Ballymore, ca. 1,000 ft.  
all given to Graham.

*Diptera* =

2nd July 1957. A searching hot day after heavy  
dew at night.

Driven by Mrs. Galtry at 10.15 AM to Kilkeel,  
Estuary of the White Water (i.e. on 13th July) & the on to  
Greenacres Point, opposite Greenore. Collected in  
three areas as follows:—

2

2.7.57, cont. Kilkeel - Greenacres, Co. Down, cont.

1 = Kettle-hole (pond) about 1 1/4 miles S. of Kilkeel,  
at Duncavel, in angle of main road & road to sea  
& Slatermill. 11.0 AM.

2 = Salt marsh in estuary of White Water at Banagh. 11.30. 1957

3 = Coast just N of quay at Greenacres Point for 1/4 mile.

Kettle hole at Duncavel, S. of Kilkeel, DO.  
Insects taken at 1. *Chalcidius* 'longicauda' ♂.

*Euclyptus approximatus* ♂, ant. 24.

*Cryptus* 3 ♂♂. 1 mtd = *Phygadeuonid* ♂, ant. 22.

*Helorus* 7 (♂ & ♀), the usual small and species?

*Ichneumon* 2 only mtd. = *I.* ♂ (ant. 22) & ♀ (ant. 20!).

*Bracon longicollis*? ♂, ant. 35.

*Phaenocarpa livida*, dark ♀, ant. 25. ♂ very little longer  
than 3, 'no notauli', etc. Merely a slightly abnormal specimen  
of *livida*! A.W.S. 1/3/60.

*Lacmus areolaris* group. 4

*D. (G.) affinis* 1 ♀, ant. 24.

*D. (G.)* 1/2? 1 small ♂, ant. 26. ♂ of same from the same night, 16.57.

*Aphidius* 7 none mtd.

*Praon* 1 =

*Chalcid* 5

*Cynipid* 1 not mtd.

*Beetle* 1. *Bombus*  
purple marked ♂.



2.7.57, cont. Estuary of the White Water Co. D.C.

Insects taken at 2. (Salt marsh). [Labelled "White Water Est."] short to acute

*Bathyra* very small ♂, very large ♀ = 13 specimens

*Cryptinid* about 50: 7 only mtd. = *Pezomachus* short to acute

*Microctonus* sp. minute ♂, ant. 19. *H.* ♂, ant. 20, short, tergite 3

*Microctonus* sp. ♂, ant. 20. *Pezomachus* ♂, ant. 18

*Phygadeuon* sp. ♂, ant. 19.

*Atanthosia* sp. *gardenipiscus* ♂, ant. 28.

*Chytr. morosus* 20 ♂, 1 ♀, 10 mtd., ant. 37.

*Pimpla* sp. 30 ♂♂ of *terminellus* group: 1 mtd., ant. 28.

*P. brevicornis* ? ♂, ant. 19.

*Stenomacrus brevis* ♀, ant. 20.

*Helorus* ? ♂, ant. mtd.

*Bracon paniculatus* ♂, ant. 17.

*Apanteles* sp. about 20: 5 mtd. of 3 spp.

*Agathis* "non-anglica", 3 ♂♂ (ant. 23), 1 ♀ (ant. 24).

*Orygaster* sp. ♂, ant. 29.

*Aphidius* *aphidius* ♀, ant. 19, also a huge ♂, none as these

taken here on 1<sup>st</sup> July, but the ♂♂ don't on floor.

*Aspilota* *concolor* 2 ♂♂, ant. both 23.

*A. nigrescens* 20 ♂♂, ant. both 21.

*A. (Synaldis)* sp. *concolor*? 1 small ♂, ant. 18.

<i>A. obscurus</i>	1 large ♀
<i>A. infimus</i>	2 small ♀♀
<i>A. tetrastichus</i>	2 small ♀♀

2.7.57 (2) cont.

*Doanusa* *arctus* group, only 5

*W. comi* *maior* ♂, ant. 23; ♀, ant. 21.

*A. (Pentapoda)* sp. *arctus* group: 6 mtd. 20 ♂♂, 1 ♀, 1 mtd. 20 ♂, 1 ♀

20 ♂♂, 1 ♀ of *Pentapoda* from, ant. ♂♂ 20-25, ♀ 25, also 20 ♂♂, ant. 20, 22, 23, 25.

*A. myrtilus* ♂, ant. 29/30.

*Z. maculata* 60 ♂♂, 1 ♀: ant. 21-23 ♂♂, 21 ♀.

*Eodinus viduus* ♂, ant. mtd.

*Coelinius* sp. 20 ♂♂, ant. 27 & 38, other interesting about 1 mtd.

*Aphidius* sp. ♂, ant. mtd.

*Proctos* sp. 2 mtd. = *Stenogaster* *delictus* ♀ =

*Chalcid* about 50, given to *maior* group.

*Cynipid* 2 - minute, not mtd.



2.7.57, cont. Boat at Greencastle Point, Co. DO.  
Insects taken at 3.

Cryptineids 11, including *Pezomachus* Black ♂, ant. 20.  
*Atractodes tenuicornis*? ♂ & 2♀♀, ant. 22, 20, 21. *Pezomachus* winged ♂, ant. 23.  
*Hygroplitis* ♂, ant. 19. *Pygmaeus*? ♀, ant. 23.  
*Campoplegid* 1 = *Caridiella exigua* ♂, ant. 19.  
*Bracon exarator* ♂, ant. 30.  
*Apanteles pallipes*? 1 ♀  
*A. cf. infimus* 1 ♂  
*Paralichne flaviventris* Th. ♂ (black) & ♀ ± blackish? ant. 27 & 32.  
U. ♂ is mainly black but elytra, mouth parts & legs mainly pale.  
*Cypselus levii* ♀, ant. 25: very like *diversipes*, but head much more transverse.  
*C. minutissimus* 1 ♀, ant. 21: very nice example!  
*Pentapleura parvula* ♀, ant. 19, small, very dark legs.  
*Aphanta* sp.? large ♂, under sea weed.  
*A. septidens* smaller ♀, under sea weed.  
*Aspilota nigrescens* 1 ♂, ant. 21.  
U. (5) sp. remote, a minute ♀, length like the last, ant. 14/15.  
*Dacnusa areolaris* group 3: not mtd.  
*Aphidius* 7: none mtd.  
*Platygaster dilatatus* ♀, under sea weed: not mtd.  
*Chalcids* - 30 or so, minute; given to Graham.  
*Cynipids* 2: not mtd.

Also *Phaenocarpa* *shimulata* *montana* *undulata*!

3<sup>rd</sup> July 1957. Sand-dunes S. of Murlough House,  
Barrinacorney, Co. DO. 11.0 AM. to 2.20 PM.  
An entirely dull day with NE breeze, warm & misty, but no  
actual sunshine & rain or drizzle in parts of England  
& violent explosion in air about 5 AM.

Sand dunes, S. of Murlough House, DO.  
*Gonitopus* ♀ taken by Mr. Daltry.  
*Anteon cameronei*? ♀  
*Proctos* *approximatus* very large ♀ taken in dunes on very  
fresh & Sheddum Ford.  
*P. approximatus* ♂ taken by Mr. Daltry.  
*Ceropales maculatus* several  
*Cerobro palmeri* ♂  
*Meloboris* *crucians* ♂.  
Ants. *M. ruginodis*, *leucodis*, *salicis* & *scabronodis*.  
*Lasius niger*. *Formica* sp. *lucorum*.

*Ephialtes parvus* 1 ♂, ant. 23 = *E. pygmaeus*.  
*Cryptineids* 4: 3 mtd = *Pezomachus* ♀, *Habroplitis*, ant. 18.  
*Hygroplitis*? ♀, ant. 17. *Pygmaeus* ♂, ant. 27 = *Hygroplitis*?  
*Pimpla brevicornis* ♂: not mtd.  
*Chalcids* sp. 20 or so: not mtd.  
*Microctonus* sp. ♂, ant. 39; ♀, ant. 36.



3.7.57, cont.

*Campoplex* 7. + 1: 3 mtd. = *Angitia campoplex*, ♂ & ♀, ant. 32 & 30.  
 & *Sagittaria holmgreni* ♀, ant. 30.

*Pezomachus* 7 only 1 ♂ mtd. ant. 24 =

*Bremastus infirmus* ♂ (ant. 32) & ♀ (ant. 34).

*Brachon* sp. ♂ - only 29. <sup>frank?</sup> 2-4 mtd. are but 2 dark wings; small proportion, actually red & black, might be *Brachon* & *Apanteles* ♂ only 1 (♀) mtd. = *G. falcatus* ♀ with 1<sup>st</sup> absence of a dark curved & not angled as usual.

*Microplitis* cf. *vidua* & *evolutionis* ♂ & ♀. I submitted & have

*Pachites* cf. *rotundus* 12 ♂ & ♀, 1 ♀.

*Centistes fuscipes* 2 ♀♀, one given to Mr. Gilling; ant. 18.

*Metacoelus rubens* ♂, ant. 29.

*Opius minutissimus* 1 ♀ of dark variety, with tergites 1 & 2 scarcely pale, ant. 23.

*O.* sp. 1: not mtd.

*Dacnusa areolaris* group 2: not mtd.

*D. vitripennis* 1 ♀, ant. 30.

*D. areolaris* group ♀, ant. only 27, hind fem. only fuscous near apex. (See Nixon's letter 17.3.58.)

*D. mixella* ♀, ant. 19.

*Exochus* *redus* 12: only 1 mtd. = ♀, ant. 33.

*E.* spp.? 4: 2 ♂ & ♀ mtd., ant. 42 & 40, but "same species as shape of head, not only 2 mtd. but different in shape as well."

3.7.57, cont.

*Aphidius* spp. 4: not mtd.

*Proctos.* 1 very small, not mtd.

*Chalcids* = 40-50, given to Graham, including *Gerdysia* & *Chlorocryptus* ♀ (file 11.9.)

*Cynipid* 1: not mtd.

*Saigys* *Selenaria* off bracken

*Tenthredo* cf. *curvator*

*Hemiptera* 3: *Macrostylus paysoni* file 11.11.57.

*Euphorus* 1 =

4<sup>th</sup> - 7<sup>th</sup> July. Intensely hot & humid until great thunderstorm passed v. by on night of 6<sup>th</sup>-7<sup>th</sup> when also our first real rain for many weeks fell. The Gilling & Graham's left for home on afternoon of 4<sup>th</sup> & spent 11<sup>th</sup> to 6<sup>th</sup> clearing off corn in the garden. Rain continued off & on all Sunday, 7<sup>th</sup>, with varying wind - first S, then E, & finally strong westerly.



8th - 10th July 1957. After rain on night of 7th-8th a fine day on 8th but cool, with rain again at night & fine & drizzle most of 9th with alternating winds from S, E, & finally W. 10th was a nice fine day, after a cold dry night, with clouds & occasional sun.

Had odd jobs in garden, including planting out seedling *Dahlia*, *Celery*, *Primula sikkimensis*, & *Salvia* which had been in the greenhouse. Also seedlings of *Geranium robertianum* from the Burnan of Clare & *Sax. tridentata* from Horn Head dunes, Co. Donegal.

11th - 13th July. Rain or drizzle, mild, with varying & often strong winds between SE on 11th & W-NW on 13th. On afternoon of 12th Daisy & I walked to Donard Lodge & found the Donard Falls in full spate - as full as we had ever seen them in winter.

14th July (Sunday). Same as 13th in forenoon with semi-gale & drizzle, but dry in afternoon & evening when Daisy & I had a short walk in the plantations.

15th July. Much warmer with gentle W. breeze & some sun, in fact a very nice day. Bryan Woods of Donard Nurseries came to photograph my larger plant of *Saxifraga cernua*, which has six spikes of bulbils \* each topped by a flower bud, the 3<sup>rd</sup> furthest on of the buds almost open today. This plant was entirely eaten down by a slug about early March, as well as the second plant which now has a fine rosette of large,  $\frac{3}{4}$  inch, leaves.

\* only 3 spikes actually produced a flower



18. 16<sup>th</sup> July 1957. A very fine day with much  
very hot sun. In afternoon I tried a brief  
sweep along 20 yards of the lawn in back garden  
E. of the 1st house & as the net seemed to contain  
so many minute hymenoptera that I kept the catch  
separate & later made a more extensive sweep  
along the lawn & around the willows at foot of back garden.  
Insects taken at (Trial Sweep by lawn) 3.30 PM

*Glypta areolaris* dark ♀

*Stenomacrus tricornatus* ♂

*Aspilota* sp. ♂, with dark

*Dacnusa areolaris* group: ca 30.

*Proctos* sp. 3

*Aphidius* 2 sp. 2 spp. (1 each).

*Chalcids* ca 30.

*Cynipids* 1.

all but the  
*Glypta* sent  
to Museum Graham

Insects taken at 2 / general sweep in back garden, lawn & roughy) 3.30 - 4.0 PM

*Leptocryptus* sp. ♂, ant. 22.

*Phygadeuonid* ♂: not mtd.

*Pimpla* cf. *flavicornis* 3 ♂♂: not mtd.

*D. depressus* ♀, ant. 22

*Glypta areolaris* 3 ♀♀; all very dark, ant. 41, 41 & 42: see above!

*Camptoplygid* ♂: not mtd.

16.7.57, cont. (2) Back garden, Tullybrannigan, DO, cont. 19

*Chalcids* *tricornatus* 2 small ♂♂: not mtd.

*Rogas areolaris* ♀: ant. broken off about.

*Aspilota circumscripta*, 1 ♂ & 1 small ♀ (see below for Hal)

*A. fulvipes*? 1 ♂, 1 ♀.

*Perilissus aethiops*? ♂, ant. 28.

*Trachysus areolaris* 2 almost identical ♀♀ (ant. 32 & 32).

*Aspilota* 3 ♂♂ = *A. areolaris* ♂, ant. 27.

*A. cf. areolaris*? ♂, ant. 22

*A. cf. fuscescens*? ♂, ant. 23.

*Orthostigma* cf. *robusta*? ♀, ant. 22, mandible 5.

*Dacnusa areolaris* group in the garden, including *areolaris*  
& the only one mtd. = *D. (H.) cf. confinis*, ant. 23, legs entirely black!

*D. areolaris* 1 ♂, ant. 28, 1 ♀, ant. 24.

*Ephedrus plagiator* ♂, ant. 11. *Eph. pulchellus* ♀, ant. 10/11.

*Proctos* sp. 6: none mtd.

*Aph. solis* ♀, ant. 13.

*Aph. areolaris* sp. about 20: 2 mtd. = *Aph. cf. areolaris*? ♀, ant. 18.

*Proctos* 12, mostly small: 5 mtd. = *Cryptoserphus areolaris* ♀, &

*Chalcids*, about 100: mostly small & sent to Graham

*Cynipids*: 12, very minute or single



<sup>20</sup>  
17<sup>th</sup> July 1957. A very wet day, with SE gale & rain all day.

18<sup>th</sup> July. After a fine night, till fog & drizzle in forenoon, but a very fine, warm, & sunny afternoon when wind veered towards N. In evening, took the following insects in back garden: —

*Phygadeuon* <sup>ant. 23.</sup> ♂, taken on raspberry =  
*Tryphon* *brachyacanthus* ♀, on Rose Prunif. ant. 31.  
*Homocidus pulcher* ♂, on raspberry, ant. 21.  
*Apanteles glomeratus* ♀.

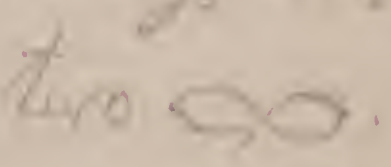
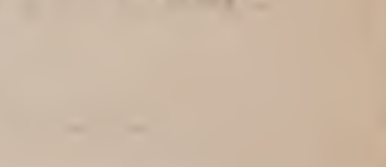
19<sup>th</sup> July. A fine warm day, but wind dubt. In the afternoon I dug the first of the season's potatoes & follow: —  
First two rows at W. end of middle plot — planted on 18/3/57, but cut down by the frost of 25<sup>th</sup> 26<sup>th</sup> April, which no doubt retarded or spoiled the crop to some extent. The first row was "Ulster Chieftain", the second "Arran Pilot", but through a mistake the first three top plants of the second row (Arran Pilot) mixed with the "Ulster Chieftain".

Had "Arran Pilot" for dinner on 20<sup>th</sup> & found they were rather wet & pasty, with not much flavour — not nearly as nice as last year's "Ballydoon" at same period.

<sup>21</sup>  
20<sup>th</sup> July 1957. After heavy rain about midnight, day still 7 AM. then thick Scotch mist, drizzle, or rain off & on till 3 PM., after that fine with several bursts of hot sun. Wind mainly W. to NW. but light & variable.

21<sup>st</sup> July (Sunday). A poor, chilly day, with W-N breeze & drizzle much of the day, with strong wind. George found a very small *Proctos* (near *Agon* or *Baen*) on lettuce called at dinner time but labelled "A.M.S." & not *G.M.S.* by *caulicorona* =

22<sup>nd</sup> July. After a fine early morning & it started about 8.30 AM. Much warmer than last few days & almost windless — only morning, and though never in for the west.

During last few days thousands of seedlings of *Ulex europaeus* appeared all over the garden & often in places where none had come up for months, in others where single seedlings had appeared regularly all manner & even during the very dry, hot weather. Quite a percentage of the seedlings have three cotyledons  instead of the usual two .

After 11.30 AM. the day cleared & we had a very warm sunny afternoon, cooling again as wind freshened from the NW. After tea I swept back garden along the burn & in the wuggie for half an hour, 6.45-7.15 PM. & took many Chalcids & a few other Parasitica — for list see next page →.

Aug. 1. A row of 3 plants at top of 2<sup>nd</sup> row, in lower plot next burn & wuggie of "Ulster Chieftain" & found them very good eating. Planted 8.4.57.







29th July 57. A nice, mild, almost windless, dry day, with some light sunbursts. George still running at temperature, so he & family still here, but doctor satisfied it is only result of a chill.

Today 3 rows of potatoes (Nos. 2, 3 & 4) at E end of south border, which were planted on 10th April & said to be "May Queens". Rows 3 & 4 are May Queens, but row 2 consisted mainly of a very round potato & very distinct from May Queen. As these are all to be eaten - May Queen being prohibited in the district I find, - none will be kept for seed so we have in done.

30th July. Opened dull, very mild, & windless. A sea breeze arose to midday & continued till 2 PM. & the high the temperature rose in exposed places.

In afternoon I went to Donard Lodge & swept for over an hour in some ever in garden, Daltry & I swept on 18th June last - including the grove of young willows, birch, alder, oak, etc., by the avenue - 2.15 - 3.15 PM. Here took the following insects: -

Donard Lodge woods, Co. DO.

- Andrena* sp. ♂, large
- Andrena* confector ♂, ant. 27
- Eptenura* sp. ♂ (♂ & ♀), not mtd.

Saw 1000s of *Chalcids* & many other small insects in the garden.

30.7.57, cont. Donard Lodge woods, DO., cont.

- Cryptine* sp. 2♂. *Harmonia* sp. 10♂♂ =
- Harmonia* sp. 4♂♂, 1♂ mtd. *Chalcids* 1♂, ant. 22
- Pezomachus* sp. 2♂♂ 4♀♀: small body, ant. 21
- Chalcid* 1♂, ant. 22
- 4♀♀. *Chalcid* ant. 18, 19, 19 & 17
- Pimpla* cf. *flavipes* ♀, ant. 20, very small, very small propodeum
- Chalcid* 1♂, ant. 31
- Promethes* *pulex* 2♂♂, not mtd.
- Leucospis* *cylindrica* ♂, ant. 20, with traces of orange mottling on wings
- Stenomacrus* cf. *pallidus* ♂, ant. 22
- fine ♂ of ? 1 = *Adelognathus* ♂, ant. 15, abd. 2 dark ♂

- Camptophaga* 4 = *Sagittaria* ♂♂, ? ♀, ant. 31
- Angitia* cf. *rapae* 2♀♀, ant. 25. 1♂, ant. 25. 1♂, ant. 25. 1♂, ant. 25. 1♂, ant. 25.
- Mesochorus* 1♂, dark spines, ant. 28
- Plectiscid*, small ♀, ant. 19 =
- Phygadeuon* *clavator*
- Apanteles* ♂
- Metacoelus* *deceptor*? ♀, ant. 40.
- Opius* *neurogaster* ♂ (ant.) 34, abd. entirely bright orange - but some
- O. thurax* ♀, ant. 32, abd. ± fuscous.
- Opius* *stenops* ♀, ant. 22.
- O. cf. pallidus* ♀, ant. 25.
- O. cf. ruficornis* ♀, ant. 20.



30.7.57 cont. - Glencad Ledge woods, DO, cont.

*Aspilota* spp. 17 = *A. fuscicornis* 2 small ♂♂, ant. 15. *A. rubropes* {♂, ant. 17.  
♀, ant. 15.

*A. rufipes* 1 small ♂, ant. 16.25, but with darker wings & propodeum; also possibly 1 small ♂, ant. 16.  
*A. pallidipes* 1 small ♂, ant. 20. *A. fuscicornis* of *pubescens*, 3 ♂♂ ant. 22/23, 25/26.

*A. cf. rufipes* 2 small ♂♂ ant. 18/19 & *A. cf. nigrescens* ♀, ant. 17.

*A. (Synaldis) cf. fuscicornis* ♀, ant. 18; also possibly 1 ♂, ant. 23.

*A. (S.)* sp. ? ♂, ant. 20.

*Dacnusa areolaris* group: very abundant: none kept.

*Praon* 2 kept only: small spp. very common & many sent to  
Museum Graham with the *Chalcids*.

*Chalcids* at least 100: many very minute.

*Cynipids*: minute, wingless, species: frequent.

31st July 1957. A warm, dull, almost windless day.

Left home, alone, at 10.15 & walked up the Glen river to top  
of the Plantations & then towards Shinn - no maddy & along  
its eastern slope to the rocky flats at about 1200 ft.  
between it & the corrie that lies NE of Shinn, bounded by  
Hod Linn before reaching the ledge & then across the  
ridge before Shinn maddy & Shinnish at about  
1500 feet to reach the cliffs near head of the Tullybrannigan  
Burn - where grass about 2m, *Lythrum* & *Sedum* were.  
Left this cliff at 4.20 PM & home 5.15.

Collected in 3 areas as follows: -

1 = eastern slope of Shinn maddy from about 800 ft.  
to 1,000 feet. 12 noon till 1 PM.

2 = rocky flanks on ledge parallel to the Glen River  
at about 1200 - 1250 feet. 1.30 till 3.0 PM.

3 = rocky flat below the Bealach Fern cliff N. of  
Shinnish & near top of Tullybrannigan Burn. 4 PM.

The insects taken at 3 are more similar to those from 2!

The insects at 2 all appear to be *Junonia* *antiquaria* group  
(= *scutiflorae* probably!) & this much mixed with Bog  
Myrtle. *Pinguicula lusitanica* seen here & *Phlox* full  
in several marshy places on the way up & in flower.

The insects at 3 all *Junonia* *effusa* & this not eaten  
by the sheep, whereas that at 2 badly eaten.



31.7.57 Shinnemaddy, Co. DO. 12 noon - 1.0 PM.

Insect taken at 1. (800 - 1,000 feet alt.).

- Pimpla* *tumida* group, large ♂ = *melanoceras* *Parkin*?, ant. 35.
- P. robustior*? ♀, but stigmas pale bordered with <sup>as in *depicta*</sup> ~~black~~ <sup>black</sup> ~~black~~ <sup>black</sup> all red, ant. 22.
- P. brevicornis*? ♀, ant. 21.
- Glypta crenulata*? ♀, ant. 25.

- Bracon obscurator*? ♂ & ♀, ant. 19(♂) & 17(♀), very small.
  - Opius levius* ♂, ant. 22.
  - Dacnusa areolaris* group 5 (♂ & ♀), small.
  - D. (G.) uliginosa* 1 small, ant. 26.
  - Aphidius* spp. 6 very minute ♂♂.
  - Roctus*
  - Chalcids*
- } none mtd.

*Graptophora* 2 spp. =

Insect taken at 2 + 3. (Taken at 2, under *althaea* field!)

- Dolerus areolaris* ♀, at 3.
- Brachymeria fuscescens* small ♂
- Leptothorax curvicauda* 2 ♂♂, 1 ♀ (very small) at 2.
- Myrmica ruginodis* mowing everywhere & all examined the sp.
- Tomicus lineator* & *lineator niger* ♂ & ♀ seen

31.7.57, cont. Shinnemaddy - Glenties, 1.30 - 3.0 PM.

Insect taken at 2 + 3, cont.

- Schneemon confusus* ♂, searching amongst *althaea*! ant. 40.
- Centistes appropinquator* ♂, ant. 24, *Platylabus inaequalis*? ♂, ant. 32.
- Cryptinids* ca 25, including *Henitela apicalis* ♂♂ & 1 ♀: 1 ♂ (ant. 22), 4 (ant. 24, 25, 26) mtd.
- Henitela* sp? 2 small ♂♂, dark legs, ant. 19 & 22. 2 ♂♂ of 1 ♂ mtd.
- Phygadeuonids*. 2 ♂♂, ant. 22 & 23 =
- Hoplomyia altissima* ♂, ant. 27.
- Leucospa decolor* from 2 ♂♂, ant. 35 & 36: dark brown!
- Promethes cognatus* ♂, ant. 23. Tergites 1 & 2 broader than normal!
- Homocidus nigritarsis* ♀, ant. 21.
- H. pulcher* 2 ♂♂, 1 ♀: 1 ♂, 1 ♀ mtd., ant. both 21.
- Scoposus*? 4 ♂♂, 1 ♀, ant. 27. = *Mesoleucus* sp. { *spid* 1 ♂, 1 ♀, 1961
- Stenomacrus orthocentrus* ♂ = *Orthocentrus* ♂, ant. 22.
- Camptoplegid* 5 = *Sagittaria imicola* ♀, ant. 32.
- Meloboris* sp. 2 ♀♀, ant. 34 & 35.
- Omorpe*? of *borealis* Zell. ♀, ant. 23.
- Angitia* or *hirsuta*? ♂, ant. 32 =
- Pezomachus* ♂ = *Leptopygus leucopus*? ♂, ant. 30.
- Helictes* sp. ♂, ant. 26.
- Bracon* 10 = *B. fulvipes* 2 ♂♂, ant. both 39.
- A. coriaceus* mtd. 1 ♂ (ant. 36), 1 ♀, ant. 28, 29, 29/30, & 30.
- A. obscurus* ♀, ant. 19; also 2 small ♂♂, ant. 17.
- Microgaster* cf. *clavicornis* ♀, var., ant. 30: small specimen of *microgaster* intermediate between *clavicornis* & *minutus*, but nearer the former.



31.7.57 (2+3) cont. Slieve Donard - Newcastle, DO., cont.

*Apanteles* cf. *fulvipes* L. 1 ♀ ad.

*Helorus* cf. *deceptor*? 3 ♂♂ at 3, ant. 32, 32 or 39.

*Blacus ruficornis* ♀, ant. 30.

*Diaparsa dorsalis* 2 ♀, ant. 25.

*Spheg* 2 = *O. exilis* Hal. ♀, ant. 24; also a minute ♀, ant. 22, - probably same species!

*Alloea contracta* ♀, ant. 21.

*Pentapleura* *peruviana* ♀, ant. 17. dark legs! with very narrow ligulae.

*Aspilota* 4 = *A. nigrescens*? ♀, ant. 17.

*A. subnigra* 1 ♀, ant. 16.

*A. (Synaldis)* cf. *concolor* ♀, ant. 15.

*A. (S.) concolor* ♀, ant. 16.

*Dacnusa areolaris* group, at least 50 (2 ♂♂, 2 ♂♂, 1 ♂♂, 1 ♂♂) (ant. 22)

*Ephedrus validus* 4, sent to P. Stary, = *Regius*

*Cephus* spp. ca 25, some very minute. 4 ♂♂ =

*C. ruficornis*? ♀, ant. 17.

*C. brunneicornis*? ♀, ant. 15.

*Rostus* mostly minute ca. 25; none mtd.

*Chalcids* ca. 50-100 sent to Graham.

Cynipids: minute: about a dozen.

The following taken from Graham's list:  
1.8.57 *Microgaster* cf. *fulvipes* L. 1 ♂, ant. 22.  
2.8. *Microgaster* cf. *fulvipes* L. 1 ♂, ant. 22.  
3.8. *Microgaster* cf. *fulvipes* L. 1 ♂, ant. 22.  
4.8. *Microgaster* cf. *fulvipes* L. 1 ♂, ant. 22.  
5.8. *Microgaster* cf. *fulvipes* L. 1 ♂, ant. 22.

at to 5th August 1957. A fine sun spell with little

or no wind, and sun on shore E. breeze during the day as 1st to 2nd. 4th mainly dull with SE. wind.

Landscape smoke, followed by very heavy rain before & after midnight, but after a shower about 11 AM. the 5th was a nice warm, humid day with E. breeze.

On 3rd spent 1 1/2 hours in the Donard Nurseries, with Mr. Doot, having a general look round & did a very little sweeping, along margin of fields towards the River River. Saw both very blackish some 2 common *Andrena* groups & *Aphidius* - all of which sent to Graham - the following from only examined: -

Fields in Donard Nurseries, Newcastle, DO.

for 4th 7. ant. 20: possibly a *Phygadeuon*. 10.12.57 PM.

*Phygadeuon* ♀, ant. 19: possibly ♀ of that species.

*Dacnusa* = { *nitella* ♂  
cf. *Nixon*  
Oct. 1960 } ♂, ant. 22: possibly being lost stages & red in, resembling some ♀ *Dacnusa*, possibly *D. nitella*.

*Cephus ruficornis* ♀, ant. 21.

On 2nd a Red Admiral Butterfly flew across front garden & was caught, & given. Took the following insects in back garden: -

On afternoon of 5th about 2.30 we heard thunder towards Antrim to NE. This developed into a terrific thunder storm lasting till midnight at Newcastle & very widespread over Ulster & part of Britain.



6th August 1957. The tempest rain which accompanied the thunderstorm passed in the early hours of 6th but left everything very wet, though did no harm in garden & garden. I had transplanted from seedbeds which had very good & pleasant this morning. The whole day very warm & muggy with no more breeze & wind like on from noon on 5th.

In forenoon walked with Daisy's brother, Baron A.D. Mitchell, of Eghinton, Hillsborough, to Donard Lodge & then along the front & home via the park & Boyanford Road at 12.30 noon. Collected a few Chalcids off oak E. of Donard Lodge main & 2 mals. also & later swept the semi-brackish ditch on S. side of the miniature golf links in the park, where much *Glyceria* (cf. *fluitans*?) grows, but having only one smoky the few taken at Donard Lodge not kept separately, & all labelled "Shinn Park, Newcastle".

Insects taken listed below:—

Cryptine 6: 2 only mtd. =

*Hemiteles* 1 ♂, ant. 20.

H. sp. ♂, ant. 21.

*Zootrophus* sp. 1 ♂, ant. 20, all red abd.

*Apanteles* cf. *fulvipes* 2

*Microgaster obscurus* ♀, reddish thorax.

6.8.57, cont. Shinn Park, Newcastle, D.C., cont.

*Macromesochorus thoracicus* ♀, ant. 45+, broken off at tip!

*Exochus obscurus* ♀, very black, ant. 2, also a ♂, ant. 25, which is almost double of the ♀.

*Opius* sp. 1: not mtd.

*Aspilota minutissima*? ♀, very small, ant. 16.

*Dacnusa areolaris* group 4: none mtd.

mostly *Praon* } about 20.

*Chalcids*

In afternoon from 3.45 till 4.30 swept along lawn & the edges of back garden of 25 Tullybrannigan Road, Newcastle, & here took the following:—

*Stenochneumon ochropus* ♀, black, ant. 21.

Phaenogenid = *Dicaelata* cf. *rupestris*? ant. 25 (genal spines not incised!)

Cryptine 4 = { *Phygadeuon* ♀, ant. 20. *Ch. (Chalcidopon) sublineatus*? ♀, ant. 18.

*Acrodactylus degeneri* 2 ♀♀: one mtd. has 22-seg. ant. *Pezomachus*? ♂, ant. 23.

*Stenobothrus* ♀: not mtd.

*Polyblastus* ♀, ant. 30, black hind femora, red abd. Cf. *pratensis*?

*Pezomachus* ♀, ant. 27, long terebra =

*Bracon fulvipes* ♀, ant. only 30, a small rather dark specimen.

*P. propodealis* sp. ♀. Type! A.V.S. 20.3.60. Ant. 30, prop. small, nigro, terebra 1/3 abd. 20.

*Apanteles* 3 = *A. fulvipes* ♀. *A. circumscriptus*? a small ♀.

*A. circumscriptus*? ♀, probably same as last, but a larger, better example.



6.8.57(2) cont. Tullybrannigan, DO., cont.  
*Perilissus aethiops*? ♀, ant. 22, but flower + mud dirt!  
*Euclyptus* ♂ ant. 20; ♀ taken low on wall 11/22/58  
*Opius* (13) *impressus* ♂, ant. 44.  
*Alysia* cf. *atra* 2 ♂, ant. 31.  
*Dacnusa areolaris* group, including *pulchra*, only last mtd.  
 = *D. (P.) pulchra*, ♀, ant. 25.  
*Zelator* ♂, ant. 23.  
*Z. elegantula*, very small ♂, ant. 20.  
*Triclistus auctus* ♀, ant. 12.  
*Proctos.* + Chalcids about 50; only 2 mtd.  
 = *Galerus*

7th August. A warm, muggy, mainly dull day, with light sea breeze & sea-fog. In afternoon Barry, his brother & I walked N along the strand till about a mile N of the Hotel & I collected along seaward strip of the dunes from 3.30 till 6 PM. & took or saw the following: -  
*Beatus lapidarius* ♀♀ + ♂♂, *B. terrestris* ♂, ♂.  
*B. nuscivorus* ♂♂(?) , *B. agrorum* [ & *B. durbaniellus* ♀? ]  
*Mellinus aeneus* & *Ceropales nautalis*.  
*Anteon* 2 ♂♂, ♀.  
*Formica* sp. ♀♀ (Planani) *Lasius niger* & *Myrmica* spp. seen.

7.8.57. cont. Limer, N. of Newcastle, DO., cont.  
 Saw flies. *Tenthredo* saw fly group common.  
*Selandria sava* ♀. *Phaenocarpa alba* ♀.  
*Schneuwani memorata*? ♀, ant. 24.  
*I. albivittus*? ♀, from the beach, ant. 29.  
*Cryptinids* 7 including 2 very minute ♂♂ of *Hemiteles* species - ant. 20 & 22. *Cryptus ruficornis* ♀, ant. 33.  
*Plectrocyptus onyx*? ♂, ant. 30.  
*Microcyptus operatus*? ♂, *Stylomyia* *profligator*? ♂, ant. 32.  
*Pimpla brevicornis* 2 ♀♀, ant. 26.  
*Phaenocarpa* ♂, ant. 19. = *P. montivensis* var. *fuliginosa* etc!  
*Campoplex* *tuberculatus* ♂, ant. 40. & 1 other *Campoplegid*.  
 = *lygatus*? ♂, ant. 22.

*Pezomachus* ♀ with long tail, ant. 28 =

*Brachon sphaerocephalus* ♀, ant. 32, propodeum mainly mtd.  
*B. obscurus*? ant. 18. 2 minute ♂♂, one scarcely more than 1 mm.

*Apariteles* cf. *pallipes*; not mtd.

*Ogilus* ♂, ant. 30.

*Meteorus luridus*, var. *ventralis* *tectarius* ♀, ant. 31.

*Aspilota* 5 = *A. concinna* ♀, ant. 18; also 2 minute ♂♂, ant. 19.

which may be a freshish species of this species, ant. very slender & head small, ♂.  
*G. (Synaldis)* - sp. 1 possibly *fortipes*, ant. both 18, also a small dark-legged ♂, ant. 19.

*Dacnusa* cf. *areolaris* 2 ♀♀.

*Coelinius* cf. *podagrus* ♂, ant. 45, wing reduced in size & dark, legs short & femora short & ovate, though not as much shortened as in *Holiday's* type, I think!



7.8.57, cont. Limer, Newcastle, DO, cont.

Prison small or not at all.

*Aphidius* spp. 10. Many of them. The last very small (2 or 3 mm.)  
as well as small blackish ones of *U. 44*, but could not find any of them!

Proctor. 3 mtd. =

*Chalcids* ca. 30 - sent to Graham.

*Hemiptera* 2 =

Beetle, small, black, glabrous = *Ligathidium levigatum* fide H.W. Shelling.

In forenoon I sowed down small strips of lawn beside E end of  
the clothes line in back garden.

8<sup>th</sup>, 9<sup>th</sup> & 10<sup>th</sup> August 1957 Very damp & muggy, no rain, with varying  
drizzle, heavy rain (in places) & wet fog. Hills shrouded in mist  
drod down to our level & tops were shrouded, as a wide slow moving  
superior passed over us. Barometer fell steadily from 60 to 58  
& then level all night of 9<sup>th</sup> 10<sup>th</sup> & yet no real wind except on  
9<sup>th</sup>, when strong SE wind brought in heavy rain. By evening of 9<sup>th</sup>  
wind had backed via NE & N to NW but not yet had breeze here.

Swifts: have seen none for at least a week & suspect those in  
Newcastle had departed by last week of July, but this season as  
I was not in the town much lately.

11<sup>th</sup> August 1957. Rising glass & light W breeze, after a very  
wet, humid night. Still very humid & heavy till 2 PM  
when a gale formed over Tollymore Park & we had half  
an hour's deluge, followed later by a fine afternoon &  
evening with a fresh, cool, strong light, N.W. breeze.

In afternoon Daisy, her brother & I walked up path  
beside D. and waterfall & went as far as the new forestry  
road as it is finished, i.e. 1/4 mile S. of Brinschilly, &  
then home.

During the day, Sunday, took *Aphidius* of *U. 44* or, at 4.2  
on window & a *C. p. plegid* (= *C. p. plegid*?) in garden.

12<sup>th</sup> Aug. Glass still rising & after a dry, but misty, night  
a day forenoon & early afternoon with varying breeze, so  
that I got back garden cut before breakfast & front garden  
after lunch, but again joined to work at 4 PM & heavy  
& continuous rain fell from 4.20 till 8.0 PM.

In forenoon day three rows of potatoes at W end of  
lawn plot (next turn), which were planted on 8<sup>th</sup> April '57.



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Tollymore Park 3.0 till 5.0 P.M.

Schneumon or, black & yellow: not mtd.

*Leptocryptus* sp. ♀, ant. 28. *L.* (?) sp. ♂, ant. 24.

Spec. 1 of sp. ? ♂, smaller, ant. 23 =

*Lamprolota marginator* ♂, ant. 32.

*Polyblastus westringi* 13 ♀♀, all carrying larvae 1 moth  
 swept off *Eucalyptus*; see record of Sept. 1958.

Monoblastus sp? 3♀♀, ant. 32, 33, & X! ? head suffr. parvitate!  
- mesothorax ♂ not mounted!

cf. taken at Bruns, off, WI, on 17.10.42: Sp. 2 cf. var. of frontalis & cf. 9


How we'd use? small similarity or collinearity, ant. little off. of latter!

*Megastylus cruentatus* ♂, Ant. 46.

Th.  $\sigma_1$   $\sigma_2$  and 35.

Meiogaster flavipes Hel. 9.

*Blechnum inficorne*, ♀

*A. cf. tibialis* ♂, ant. 24, prep.  *A. cf. fuscicornis* 10♂, 1♀, dehydrated, ant. 17-16. ♀ m.p.

*A. tumida* .. ♂, ant. 20.

$G_1(S)$  cf. v. d. v. t. commun.  $\pi$ ; aut. 22, Bank t. g.

Proctor. 15: 4 mounted.

6 groups 2.



14th Aug. 57. Drizzle or rain with about gale from SE all day. Took 6 *Geometra* with a house =

15th Aug. After severe gale from SW NW all night, a dry day but gale & severe gusts continued from NW till dark: much colder & almost a winter's evening.

Dug row of Ballydoon potatoes in front garden & got a full barrow load of nice spuds. These were planted on 27/3/57.

16th Aug. A very nice & dry day, mild warmer, wind light & variable & considerable sun, hot sun.

17th Aug. A showery day, with thunder over Slieve Donard. I. Kilmichael about 4 PM. Spent most of day with Brian Woods, Michael Morrison & his friend Linton (from Ballyvaughan) on Shaneshine & Slieve Donardagh - partly to see a plant photographed about a month ago on SE slope of Slieve Donardagh "20 yards north of the boundary (waterworks) wall & on the way down from Donardagh to the col between it & Slieve Donard" described as having long leafy leaves about 1/2 to 1 inch in length entire, & three flower buds (yellow) on a short stalk. We failed to find it today & I can make nothing out of the colour-photo of the plant, unless it is a *Malva*!

Left home at 11.45 - the others followed later -

17.8.57, cont. Shaneshine & Slieve Donardagh, DO, cont. I spent one half an hour sweeping, pushing etc., below the beach from cliff on N face of Shaneshine (alt. ca. 1250 ft) where I took the following *Panoriscus* (only 3 mounted!)

*Hemiteles apator* ♂  
*H. cf. pectorator* group 2000, 1 ♀ } none mounted!

*Hemiteles nigritarsis* ♀, ant. 20

*Exochus* "or feet, mounted 1 ♂, ant. 25 =

*Brachymeria* *inculcator* ♀, ant. 18.

*Microgaster* *crucians* ♀

*Monostomerus* *caricus* ♀, ♂

*Aphidius* spp. 4.

*Proctos* }

*Chalcids* 5 }

} none mounted!

Ant. *Myrmica ruginodis* & *Formica* *lucorum*? 7 ♂

18th Aug. A fine mild day with light drizzle & a few showers, but little sun.

19th Aug. Very warm, muggy, with rain or drizzle & little sun, very strong SW wind in forenoon moderating later.

Dug 1 row Duke of York potatoes in middle plot &

4 rows Ballydoon sent to E. of same & 2 rows Ballydoon in lower plot, sent on E. of Stormont Down - the one row of last yielded a very heavy crop & were fairly good to eat. All others yielded good crops also & 3 barrow load stored.



20th 22nd August 1957. A fine spell! Day & not much wind but wind dull with NW wind. Glass falling on 22nd & storm obviously coming in afternoon on that day when <sup>NW</sup> wind dropped & then a strong cool SE. wind came in off the sea. 22nd Aug. Car Daisy was going up to Belfast by 2.10 PM. time to see Margaret - temporarily in hospital. Went by same bus as for Sliddery Ford ("the 12-arches") & spent the afternoon there on the sand dunes S. of Shankill Har. & then walked home along the beach, leaving track to sea from Sliddery Ford at 5.45 & home - home at 6.50. Collected in three areas as follows:  
 1 = right bank of river (tidal) above the 12-arch bridge at Sliddery Ford. 2.30 - 3.45 PM.  
 2 = same below the bridge & between it & the old railway <sup>also</sup> just below the railway. 3.45 - 4.30 PM.  
 3 = dunes from near railway to sea - as in previous date - last June - July with Dettley & Marcus Graham. 4.30 - 5.45 PM. By which time nearly all hymenoptera had gone into hiding or in retreat of SE. wind.  
 [Observation at 1 & 2 had been almost perfect!]

a ♂ Common Blue Butterfly swept on dunes, seems almost certainly to have been an example of the mixed brood which is very far north for the brood, but see cutting from Belfast Newsletter of 23rd Aug. about butterflies invading the Tuskar Rocks, Co. Wexford.

On 22nd took a Procto. in grasshopper (♀)

22.8 57, cont. Sliddery Ford, Co. DO.

Taken at 1. (above bridge. 2.30 - 3.45 PM).

- Stenobothrus 3 ♀♀ + small ♂♂
- Pimpla fusicornis ♀, dark red hind femora
- Promethes dardus 2 ♂♂, 2 ♀♀
- Homocidus ruficornis ♂
- Chrysomelid 1 ♀, white hind legs
- Bracon opacus ♀, ant 20
- Blacus paganus ♀, ant 17
- Microgaster infirmus 1 ♀, ant 31
- Aphidius aphidivorus 1 ♂, 1 ♀, ant 20 & 18.
- Pentapleura pumila 1 ♀, ant. mtd.
- Dacnusa areolaris 3 ♂♂ none mtd. & elegantula 3, not mtd.
- D. areolaris group 2 ♂♂ 17.

None mtd.

2 (♀) of elegantula? 1 ♀ <sup>with pale legs & wings</sup> + 1 ♀ with dark wings & dark legs! Ant. both 24

- Chasmodon conjugens 2 ♀♀
- Phaenocarpa ♂
- Aphidius sp. 1 ♂, 1 ♀
- Proctos. about a dozen, some mtd. including 2 Gasterids, 1 Proctotrupid, & 1 Sclerid?
- Ephedrus vagans (♂) <sup>none mtd.</sup> + 1 ♀
- Triclistus ♂
- 1 ♂ mtd. apparently same only 10-seg ant. & 1 ♂ mtd. = G. of chrysanthemi?



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22.8.57, cont. Shillbury Ford, DO., cont.  
Taken at 1, cont.  
Chalcids about 20.

*Gynipids* 5 or 6, minute.  
*Hemipteron* 1

Taken at 2.

*Hemiteles* ♂♂ 10, including 1 very small ♂ of *H. apertus* from } None mtd.

*Atractodes* sp. 1 ♂, 1 ♀, very black. } "

*Promethes sulcator* 2 dorsals, 1 ♂ of each. } "

*Allasea contracta* ♀ } "

*Apharota cephalotes* 2 ♀♀; 1 normal, 1 tentative (2 dorsal). The former mtd.  
A. mtd., ant. 19. The latter considerably larger, ant. 21.

*Aspilota* (Synaldis) cf. *rudenticornis* ♀, ant. 19.

*Dacnusa laevigata* 5 (♂♂ & ♀♀) - a nice series: 1 ♂, 2 ♀♀ mtd., ant. 25 (♂), 26 (♀) (9#).

*D. calliope* mix. ♀, ant. 28.

*D. areolaris* group 4 only mtd.

*D. (G.) affinis*, ant. 25 (13 ♂♂ in all)

*D. (G.) nigropuncta* 1 very fine ♀, ant. 23.

*D. (G.) uliginosa* ♀

*Chasmodon ruficornis* 3 ♀♀

*Praon* ♀ ♂

*Aphidius* spp. 5.

The 1st dorsal  
of *D. areolaris*  
is 25 segments  
abnormal

45

22.8.57 (2) cont.

*Ephedrus ruber* 5 ♀♀

*Proctos* 3 or 4, 1, *Polyblastus*, mtd.

Chalcids ca 12-15.

*Gynipids* 4 or 5.

22.8.57, cont. Sand dunes S. of Mucknagh Ho., Co. DO.

Taken at 3.

*Hemipteron* = *Phytocoris rufipes* f. d. H. M. Dalby.

*Diptera* 2. blagg: very date date =

*Hemiteles* ♂, ant. 20.

*Atractodes* ? ♂, ant. 21.

*Pezomachus* cf. *immitabilis* 1 ♀, small, ant. 20 seg.

*Lamproloma* cf. *caligata* ♂, ant. 26.

*Chasmodon* 3 ♀♀ = *L. cf. errabunda*?, ant. 32, 34 & 35: in ascending order  
of size, the last two are larger than first.

*Homocidus nigritarsis* ♀, ant. mtd.

*Barichneumon* cf. *caudatus* ♀, ant. 18.

*Stenomacrus* cf. *brevimilis* ♀, ant. 21.

*Cremastus geminus* ♂, ant. better off.



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27-8-57 (3) cont. Sand dunes S. of Malinbeg, DO, cont.

*Pezomachus* 4♂♂, 2♀♀ = 10♂, 1♀ not id. ant. ♂ 27, ♀ 28 =

*Bracon areolaris* ♀, 1 ant. 24.

*B. cf. rufipennis* ♂, ant. 32.

*Apanteles* sp. 1 ♂: cf. *sp. Killough*, WI. (1) 8.8.1952.

*Mesochorus tuberculipes*? 2♀♀.

*Sagittarius caudatus* ♀, ant. 21. tergite 3 micro-rugose!

*Euphorus setulosus*? ♂, ant. 27.

*Phaenocarpa ruficornis* ♀, ant. 25.

*Aphidius concinna* 10♂, 1♀, ant. 23 & 18.

*Phaenocarpa* cf. *areolaris* 1 not id.

*Leucospis* ♀, ant. 22.

*Coelinius viduus* ♀, ant. 34.

*Aphidius* sp. 1 not id. *Ephedrus* *validus* 4♂♂, 1 not id.

*Proctos.* 7 *Tryblius* *Proctos. grandator* 2♂♂, not id.

Chalcids 13: sent to Graham

Ant. *Lamachus niger* ♂.

23<sup>rd</sup> August. Very wet & stormy all morning, fine but very windy in afternoon as wind went from SE to NW.

24<sup>th</sup> Aug. After a gale from W-NW all night, a fine morning but wind backed S. in afternoon & we had an hour very heavy rain & gale; later it cleared but wind very strong to gale from SW-W. Dug 4 rows of Ballydoon potatoes planted on 9.4.57! Good average crop.

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25<sup>th</sup> Aug. 1957. Very severe gale during night of 24<sup>th</sup> - 25<sup>th</sup> with at times torrential rain from west.

At dawn, ca. 5 A.M., I saw that several panes of glass had been blown off the greenhouse, & marked as a matter of fact two off windward corner & three off the lee side of the roof - I expected the whole thing to go before breakfast, but by some miracle no further damage resulted, & none of the glass covers on the mail-pots inside were blown off or smashed though some moved a bit. Gale continued with heavy squalls of rain about 10 A.M. & again about 3 P.M. - glass rising rapidly all day but no fall during night. Gradually towards evening the wind went down & we had a + calm & dry night. Being Sunday I could not get greenhouse mended.

26<sup>th</sup> Aug. A very hardy day - mild, dry, with gentle W. breeze. Mr Porter - the painter - came about 10.30 A.M. & put in new glass in the greenhouse - so all's well for the present!

Many plants broken in garden & Sweet Peas & Runner Beans almost finished.

In afternoon Daisy & I dug the two rows of Ulster Supreme potatoes in lower plot & got a very good crop - mostly large oval flat tubers. These planted on 9<sup>th</sup> April (Troll's seed).



27<sup>th</sup> August 1957. A dry, fairly nice day, after some rain at night; wind light to moderate W to NW, much cooler in evening; glass rising; very little sun. Dug the one row of white potatoes got for M<sup>r</sup> & M<sup>rs</sup> Neill, mixed with Kerr's Pink, in June 1956: a nice crop of very nice-looking tubers. These planted on 10<sup>th</sup> April '57. Two *Swallows* seen at tea time.

28<sup>th</sup> - 29<sup>th</sup> Aug. Both very nice autumn days, after heavy dew at night. Light variable winds, considerable sun, with high steady glass.

On 28<sup>th</sup> made a pit for the late potatoes, & on 29<sup>th</sup> dug the two rows in middle plot of Golden Wonder planted on 17<sup>th</sup> April, as well as 5 plants of same in S. border planted on 10<sup>th</sup> April, & put some in pit, keeping two trays full for seed.

30<sup>th</sup>. Another very nice day. Dug all the "Blue" potatoes - planted on 10<sup>th</sup> April - but not a very big crop, though very nice tubers, all the same.

31<sup>st</sup>. Also a nice day, but with falling glass & some slight rain in late afternoon & evening, when on shore breeze dropped & SW-W wind came up, but not before Daisy & I had dug & put into pit the Kerr's Pink potatoes (Boll's seed!) planted on 8.4.57. These yielded a very good crop of beautiful tubers - one very full barrow load & two buckets full from the 3 rows in lower plot -

31.8.57. cont.

The potato clamp now holds all the Golden Wonder, "Blue" & Kerr's Pink potatoes & was closed & covered with branches, so as to fall, at the conclusion of today's dig & just before the rain commenced at 4.45 P.M. This finishes the digging of the 1957 crop!

Took a small black ♀ *Pezomachus* in one of the small pots in greenhouse in afternoon = P.

1<sup>st</sup> Sept. 1957. A very nice day after a slight depression had passed the previous evening. Rising to steady glass & light W-NW breeze - stronger in afternoon. Sunday! In afternoon Daisy & I walked to Tollymore Park, via Tullyard & returned across Carrigahard - the boggy flat between The Brins & Sherrin - no tracks - & home through the plantation. I swept from just inside the Tullyard gate to the beech plantation at top of Pegg's Pad - 3 o'clock to 3.45 P.M. & here took the following insects: -

Tollymore Park, Co. DO.

*Epitoma* ♂ = *Epitoma* (Pezomachus), ♂, ant. 22.

Cryptineid 5:4 mtd. = *Pezomachus* ♀ larger, tergite 1+2 mtd, 20.

*Pezomachus* ♀, smaller, tergite 1 only, all red, ant. 22.

*Hemiteles* of potato ♀, ant. 21. Cryptine ♂, ant. 29.



50.

1.9.57, cont. Tollymore Park, DO., cont.

*Lamproloma cf. melancholica*? ♂ - the only *Lamproloma*? Ant. 28.*Stenocranus* 1 = ♂? *Stenocranus* of , ant. 27.*Polyblastus* *hirsutus* 11 (♂ + ♀)*Promethes* *pubescens* ♂: not mtd.*Orthocentrus*? 2 ♂♂ possibly the ♂♂ of *Orthocentrus* *reticulatus* & so placed AWS. 6.2.1958. Ant. both 28-segmented.*Stenomacrus* *reticulatus* 7 (2 ♂♂, 5 ♀♀): none mtd.*St. reticulatus* ♂: not mtd.*Sagittaria* cf. *incisa* ♀, ant. 33. Agree with ♀♀ named by J.P.B. 1958.*Pezomachus* ♀ = ant. 21.*Menochorus* sp. ♀, ant. 40.*Proctos* 5 = *Helictes* *pulicicornis* ♂, ant. 28.*Acroclaptus* *dentifer* 3 ♂♂, ant. 25, 25 & 27.*Proctos* sp. ♀, ant. 19.*Unicophorus* ♀ 2 ♂♂ = *O. lanceolatus*, ant. 23 & 21.*Rogus* cf. *similis* ♂, ant. 38.*Melichne* cf. *deceptor* ♂, ant. 43.*Zelus* *supinator* ♂, ant. 47.*Blacus* 3: 2 mtd. = *B. cf. paganus* ♂, ant. 19, but radius curved & not sinuous!*B. humilis* complex ♀, ant. 17.

51.

1.9.57, cont. Tollymore Park, DO., cont.

*Eubaziger* *reticulatus* ♂: not mtd.*Aspilota* spp. 10 = *A. cf. spumosa* ♂, ant. 18. *A. cf. indicata* ♂, ant. 20.*A. cf. pallida* (or *ovata*?) 2 minute ♀♀, ant. 17 & 19. *A. divisa* 5 ♂♂, ♀, ant. 22.*A. cf. lyra* 1 ♂ (ant. 23) & 2 ♀♀ (ant. 18 & 19).*A. (Synaldis)* cf. *repentissima* 1 ♂, 1 ♀, ant. 23 & 17.*Daenusa* *evoluta* group about 25 & mostly ♀♀; none mtd.*D. longicauda* ♂: not mtd. *D. elegantula* 1: not mtd.*D. cf. brevis* ♀: ant. 24. Seem to have been here but ? AWS. 8/2/58.*Ephedrus* *validus* about 10 - ♂♂ & ♀♀: none mtd.*Aspilota* spp. only 2 ♂♂ & 1 ♀: not mtd.*Proctos* ca. 35 of which 9 mounted including 4 *Proctos* *tempus*;4 *Pselytra* = *Aciste* cf. *cautans* ♀, *Zygote* cf. *procta* ♂, *Ptilonoma* *dubia* ♂ & ♂.also 1 minute *Pselytra* *Diepold*? AWS 9.2.1958.*Chalcids* ca 30: sent to Graham.*Cynipids*: a few.*Leptocryptus* 1 = *Syrphid*Springtail: yellow & black legs of *Ten* common.



2nd Sept 1957. A very nice day after a night with light rain & drizzle when wind went from W to E about 10-30 AM. Afternoon commences with a light E wind. Spent most of day transplanting seedlings (Sweet William, Alyssum, Thymus & Wallflower, sown on 25th April '57). A Red Admiral butterfly seen in back garden about midday & seemed very fresh.

3rd Sept. Another almost perfect day. In afternoon Brian & I & the Misses Clare & Ruby Murray went up to top of Donishilly (800 ft alt) & had aft. tea sitting on S. slope below the waterworks tower. *Bombus lapidarius* (100), *B. lucorum* (500), *B. agrorum*, & *Psithyrus* ♀♀ & ♂♂, as well as many Honey Bees, seen at the heather - most in full flower.

Swapt a little but the only hymenoptera taken off the heather were 2 Chalcids. On return journey I swept in the upper plantation & along S. side of the upper avenue & took the following:—

*Myrmica rubicincta* ♂♂ on summit

*Stenomacrus ventralis* 2000

*Bracon areolaris* 100 ♀♀

*Aspilota* sp. 4000, 2000

3.9.57, cont.

Donishilly, near north, Co. Co., cont.

*Laemone*

♀ only the north.

*D. (G.) uliginosa* ♀.

*Ephedrus ruber* 2 ♀♀

*Proctos* 5.

Chalcids 5, including two off heather near summit

4th Sept. After some mild rain in morning, quite a nice day. Warm in forenoon, cooler in evening. Saw two Swallows over front garden whilst at breakfast.

5th Sept. After a fine night, & with steady glass at 30", wind rose at dawn from S.W.-W. with quite a lot of gale force in forenoon & rain driving in the wind though sun out most of the time with the result that a continuous rainbow arched across the Dunes for nearly a couple of hours.

With the two Misses Murray, Brian & I set out at 11-30 AM for Leganasherry — the "pot" between Slieve-na-glogh & S.P. Coomedynt at head of the Spinkure River, our route being through the plantation & across the Tullybrannigan Burn where the new water supply to Newcastle from the Belfast pipe line crosses it; then over Carrickard



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59.57, cont. Legendbury, nr. Mowden, Wts., DO.  
 I round the NW. shoulder of Slieve Donard  
 into the Spinkhoe Valley. Had lunch at 11.20 by  
 tributary stream of the old lake. Slieve Donard &  
 Slieve Donard. As journey had been so slow the ladies  
 decided not to continue beyond the borders with  
 of Tollymore estate, but I went on into the park &  
 had a look round. As far as plants go there were  
 of interest, but the bed of Laga River is largely filled  
 by reeds & on a suitable day with plenty of time might  
 well yield the rich *Homocidus graciliter* Holmgr.  
 which I took in similar ground at Lough Ouler & -  
 North Division of Lough Ouler, Co. WI., as well as other  
 species, but today was too windy & I too hurried to  
 reach it with little sweeping. Caught *Stenobothrus* (?)  
 sp. ? ♂, ant. 34. with my hand off bellows just at outlet of the  
 pool - this the only insect taken during the day. Left cliffs  
 at head of Laga River at 2.40 & reached the road bed on  
 side of former lake on barnyard at 3.40. The artificial cut  
 draining the site contains besides the *Phragmites* *Carex rostrata*,  
*Trichostema*, *Scirpus fluitans* & the plant collected further down  
 the burn (valley) on 19.57 & which may be a green form  
 of *Papilion portula*, but? Picked up the three ladies E. of  
 the road bed & home at 5 P.M.

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6th Sept. 1957. With a falling glass & light S. wind  
 rain commenced at 8 A.M. & continued, very heavy, till  
 early afternoon. Very warm & humid all afternoon & rain  
 later. Wind veering towards W. & cooler in evening, but  
 very strong & severe gusts all day.

7th Sept. Wind SW-W & still very strong & except for one  
 heavy shower at 5 P.M., & a few drips earlier, quite a  
 nice fresh day. dug plot around the mint along  
 Anderson's fence at W end of S. border.

8th Sept. After a fine night & very nice sunny morning & forenoon,  
 but afternoon dull & more windy, SW. In afternoon Daisy &  
 I walked via Tullyard into Tollymore Park & down to the  
 sawmill. I swept in three areas as follows:-

- 1 = Glade in wood just NW. of the Hermitage - a mucky place  
 in wet weather with rushes, sedges, meadow-sweet, ferns & many  
 young Ash & a few Birch & *Salix cinerea*, etc., where the  
 party collected on 24th Jan 1957 - see vol. 24, p. 290. of diary!
- 2 = Sides of avenue & especially site of a rubbish dump  
 a little NW. of the Old Bridge.
- 3 = <sup>Lower end of</sup> Avenue SE of the sawmill, leading home to Tullyard

Several Speckled Wood butterflies seen, but saw no  
 Bumble Bees in the Park.



8.9.57, cont. Tollymore Park, DO, cont.  
Insects taken at 1. (Glad. near the Hermitage) 3.30 - 3.50 PM.

- Hamitela* sp. ♀, ant. 21.
- H1? sp? ♂, ant. 19.
- Stenomacrus ventralis* 1 ♂, 2 ♀♀ not mtd.
- Pterostigma* not mtd? small ♀, ant. 27.
- Colastes braconius* ♀, not mtd.
- Opius exilis* var. ♀, ant. 24; numerous in 2 interstitial.
- Aspilota* 5, including *Aspilota*? ♀, ant. 18.
- A. sp. new type* ♀, ant. 20.
- A. (Synaldis) cf. filicornis* ♀, ant. 16; also 2 ♂♂, ant. 21 + 22 (2 same sp. but with similar yellow apical head).
- Dacnusa areolaris* group, ca. 15 & I think all ♀♀.

*Ephedrus plegator* ♂  
Proctos. 8, only 1 mtd. = *Belystid*, *brachypterus*, minute ♀? *Zygota*.

Chalcids 7: sent to Graham.

Insects taken at 2. (Roadside NW of the "Old Bridge") 4.0 - 4.20 P.M.

- Hamitela apertus* a minute ♂, ant. 21.
- Cryptus* ♂ at rubbish heap = *Cryptus*? ♂, ant. 29.
- Mesoleid* ♂ at rubbish heap = *Alexator* cf. *galler* ♂, ant. 48, face with dark vertical stripes!
- Baricus "brevatus"* ♂
- Stenomacrus ventralis* 4 ♂♂.

8.9.57 (2) cont. Tollymore Park, DO, cont.

- Pogon circumscripta*? ♀, very small, ant. 28.
- Pterostigma* cf. *fuliginosa* ♀, with dark legs & very large stigma; ant. 22. apparently a dwarf dark-legged species of *fuliginosa* Hal. Certainly not *fuliginosa*! ANT = 4.4.58.
- Aspilota* sp. 4 very small = *A. sp.* ♂, ant. 20, with single petiole!
- A. cf. ruscularia*, small ♀, ant.
- A. (Synaldis) cf. levins* 2 ♀♀, ant. both 17.
- Dacnusa areolaris* group, about 25 of which many are *longicauda* one, minute ♀, of which only mtd; ant. 20.
- Proctos.* brown about 15-20 in number & 1 mtd.
- Chalcids 15: sent to Graham.

Taken at 3 (Roadside SE & above the sawmill) 4.30 - 5.0 PM.

- Ichneumon* cf. *latrator* group ♂ = *latrator* ♂, ant. 28! mtd.
- Hamitela apertus* small ♂, not mtd. H- sp. ♂, not mtd.
- Polyblastus westringi* 1 ♂, 2 young; young: not mtd.
- Dacnusa pectorator* ♂, not mtd.
- Gen. et sp?* ♀ = *Mesoleptus proclivus* ♀, ant.
- Stenomacrus* cf. *merula* var. ♀, ant. 25, var. with spurious erect wings.
- St. ventralis* 6 ♂♂, 3 ♀♀: not mtd.
- Mesochorus* sp. ♂ small, ant. 31.



8.9.57, cont.

Tollymore Park, DO, cont.

*Rhyssalus clavator* ♀, ant. 26.*Rhyssalus* cf. *circumscriptus*, small ♂, ant. 38.*Metacoelus filator* Hal. ♂, ant. 30.*Eutachyus* *extensor* small ♀, not mtd.*Gramptodromus punctatus* ♀, ant. 20/21.*Phaeocarpa taenia* ♂, ant. 22.*Aspilota* spp. 6, including *A. dentifemur* 24♂, on large, one small ♀, ant. 20.*D. areolaris* group ca. 15, including 29♀ of *D. longiradicis*.*D. elegantula* ♀, not mtd.*D. (G.) perimilis* Nixon, ♀, ant. 24.*Aphidius villosus* 1♀, not mtd.*Proctos.* ca. 12, none mtd.*Chalcids* 15, sent to Graham.*Cynipids* 2.

*Aspilota* 4 spp. mtd. 7.  
*(G.)* 2♂♂, ant. 21 & 22.  
 28♂.

ant. 20.

ant. 20.

25-26 Sept 1957  
 25-26 Sept 1957  
 25-26 Sept 1957

11-10th Sept 1957

Most very nice days, after very heavy rain on night of 8th-9th. On 9th received some seed pods of *Lathyrus maritimus* from R. E. Jones of Bally at Rosburgh, Co. SK, where I saw the plant growing in July 1934. Sowed a few seeds in various places - the open & about a dozen in a 6" pot, covered with polythene & placed it in garden on N. side of the greenhouse having first sterilized the contents (sand + peat + soil) with boiling water to try to keep down the moss. *Pygostolus* 11th Oct. ant. 20.

11-15th Sept. Cold showery weather with gale or half gale from NW most of the time. On 15th (Sunday) J. & S. Studdell & Mrs Studdell came from Belfast by train arriving noon & left by 6.15 bus, they being in Belfast for a few days following David's marriage in Dublin. Nothing else of importance happened.

16th Sept. Much warmer & absolute windless than drizzle commenced at 8 AM after a calm night. Later a cool NE breeze rose about noon & caused further rain & hills shrouded in mist. Glass steadily fell for last 24 hours after slowly recovering from depression during last two days previously. About 2.30 PM. contrary wind from SW arose, with squalls of gale force & thick heavy drizzle, which gradually abated & by 7 PM. had almost stopped & rain very light & appeared to be coming off. The glass which had fallen a little during the day now levelling up again.



8.9.57, cont.

Tollymore Park, DO, cont.

*Rhyssalus clavator* ♀, ant. 26.

*Rhyssalus clavator* small ♂, ant. 28.

*Metacoelus pilator* Hal. ♂, ant. 30.

*Entedon extensor* small ♀, not mtd.

*Proctos* *pumilio* ♀, ant. 20/21.

*Phaenocarpa tecta* ♂, ant. 22.

*Aspilota* spp. 6, including *A. dentifera* 24, on large, on small.

*D. areolaris* group ca. 15, including 2 of *D. longiradicis*.

*D. elegantula* ♀, not mtd.

*D. (6) perimilis* Nixon ♀, ant. 24.

*Ophidius velutinus* 1 ♀, not mtd.

*Proctos* ca. 12, none mtd.

*Chalcids* 15, sent to Graham.

*Cynipids* 2.

*Brachymeria*  
*Aspilota* of *Aspilota*  
minuta ♀, ant. 17.  
*A. (Exochus)*  
288, ant.

For

17

*Brachymeria*  
*Aspilota* of *Aspilota*  
minuta ♀, ant. 17.  
*A. (Exochus)*  
288, ant.

9th-10th Sept 1957

Still very nice days, after very heavy rain on night of 8th-9th. On 9th seeing some seed pods of *Leathrus maritimus* from the sandhills at Rosbeg, Co. SK, where I saw the plant growing in July 1934. Sowed a few seeds in various places in the open & about a dozen in 1.6 pot, covered same with polythene & buried it in garden on N. side of the greenhouse. During first sterilized the contents (sand + peat + soil) with boiling water to try to keep down the moss. *Pezomachus* thick of ant. 20.

11th-15th Sept.

Good showery weather with gale or half gale from NW most of the time. On 15th (Sunday) J. S. Studdell & Mrs. Studdell came from Belfast by train arriving noon & left by 6.15 bus, they being in Belfast for a few days following their house moving in Dublin. Nothing else of importance happened.

16th Sept.

Much warmer & absolutely windless when drizzle commenced at 8 AM after a calm night. Later a cool NE breeze rose about noon & caused further rain & hills shrouded in mist. Glass absolutely level for last 24 hours after slowly rising from depression during last two days previously. About 2.30 PM a strong wind from SW arose with squalls of gale force & thick heavy drizzle which gradually cleared & by 7 PM had almost stopped & rain very light & appeared to be coming off. The glass which had fallen a little during the day now travelling up again.



17<sup>th</sup> - 18<sup>th</sup> Sept. 57. Both entirely dull & almost continuous drizzly rain on 17<sup>th</sup> but dry after early morning rain on 18<sup>th</sup>, becoming cooler. Miss Hilda & Parkes of Dublin arrived by bus at noon on 18<sup>th</sup> & in afternoon we walked to the Harbour in order to let her examine any seaweeds washed up there. She reported several northern & western species not known to her from the Dublin - Wicklow area. We then walked home through the Plantations, seeing on the way *Scilla lusitanica* in flower in water channel by the upper avenue 7 1/2 mile E. of the upper bridge over the Glen River & beside it two plants of *Scilla vulgaris* which were certainly not there last winter. One of the *S. lusitanica* plants - the most easterly - also new to us. Next came down by the E. side of the waterfall & so home past Donard Lodge ruins.

19<sup>th</sup> - 20<sup>th</sup> Sept. After a dull morning on 19<sup>th</sup> these two days were mainly sunny & beautiful autumn days with no wind on 19<sup>th</sup> & an easterly breeze on 20<sup>th</sup> till 6 P.M. when the approach of a rain front from S.W. produced a drizzle. Miss Hilda Parkes left by 9.55 AM bus on 19<sup>th</sup>. On 20<sup>th</sup> had a p.c. from Studdell saying my surmise that the "Giant Deer" remains found in Belfast & illustrated in "The Belfast Newsletter" on 13<sup>th</sup> Sept. were those of a horse was correct - as was obvious from

Observed in lower on 20<sup>th</sup>

Belfast Newsletter on 22<sup>nd</sup> - see below 61

the very poor photograph. When Studdell was here on 15<sup>th</sup> I had asked him to inspect the remains on the record of a giant deer on the surface of the Ballyjordan bawn deposits was quite impossible - unless these remains had been cast out during the last few hundred years. Studdell also reported that a second horse's skull had since been added to the remains of the first. The article in "The Newsletter" claimed that the bones, etc., belonged to the Irish Giant Deer (*Cervus giganteus*) & were 6,000 years old!!!

21<sup>st</sup> 23<sup>rd</sup> Sept. 57. The rain which commenced about 6 P.M. on 20<sup>th</sup> continued almost unabated till about 5 A.M. on 21<sup>st</sup> with "hill-fog" almost down to sea-level at times. Very warm until afternoon of 23<sup>rd</sup> when cooler N.-N.E. breeze came off the sea. Howard & Margaret Hudson arrived at 7 P.M. on 21<sup>st</sup> & left for Dublin in 4.20 P.M. bus via Killybegs & Warrenpoint. On Sunday (22<sup>nd</sup>) we went to see the Donard Falls & home via the upper avenue in plantation before dinner. After dinner we all went up to top of Donard Hill & had half an hour's sitting in very hot sun by the prospect tower. Except for the few hours from midday to 4.30 P.M. on 22<sup>nd</sup> the Hudsons were near the mountain, above 1,500 ft. On forenoon of 23<sup>rd</sup> they & I spent the forenoon on the drive for 1 1/2 miles N. of Newcastle. A pair of *Prithyia superba* seen running itself on greenhouse steps on 22<sup>nd</sup> at 2.30 P.M. in sun.

- N.P.s. No 13 Donard Cupressus seen in garden - 20<sup>th</sup> far the year but frequent in windblown hills.







29.9.57, cont.

Tollymore Park, DO., cont.

Chalcids. 23 Sent to Graham

Cynipid 1 minute.

Beetles. 7 specimens of a very small, black, globose, shining beetle taken on moss on damp rock under trees on grassy rise leading to top of the East-Drin & at first mistaken for punting-beetles & later for large *Orbistella* with, not recognized till inspected through a +11 glass =

30th Sept. A lovely Oct. day, crisp, light, NW-N breeze (falling in evening) & bright hot sun & lovely clouds all day, after a rather cloudy night with fine shows of Aurora Borealis, but this only partially visible from my bedroom owing to clouds & bright light in kitchen of buslane's house in Sharnbrook. At. till about 2 AM, as usual. In spite of the clouds the garden was illuminated by the pale greenish light = to about 1/3 moonlight at full moon.

1st Oct. 1957. Entirely dull, muggy, cool, but dry, with light W-NW breeze. In afternoon I swept the so-called park on left bank of R Skirra, between Bryanston Rd & Bryanston Avenue Newcastle. Also took the following insects. Great influx of birds in garden the last few days.

1.10.57, cont.

Newcastle, Co. Down, 2.10.1957, 11.

Cryptine 8, including 5 *Pezomachus* spp., 2 *Hemiteles*, 1 *Proctos*.  
*Euclyptus* sp. large ♂, ant. 27. *Pezomachus* *latens* ♀, ant. 27.  
*Pezomachus* smaller but similar ♀ to last, ant. 26!! Not the same species! (ant. 26!!)  
*P.* sp. 3, smaller & old, somewhat similar, ♀♀, ant. 18, 18 & 19.

*Chalcidius* sp. 1 ♂, ant. 29, abd almost black

*Orthocentrus protuberans* ♀, ant. 32

*Stenomacrus* cf. *affinis* ♀, very small, ant. 22

*Hemiteles* sp. ♀, ant. 20. 6 ♀ taken on 2/10/57 in Tollymore Park.

*Phaenocarpa* cf. *fulvipes* 2 ♀♀

*Aspilota* cf. *11. all-nervosa* = *A. dentifemur* {small ♀♀, ant. 14/15 & 16.} (1 small ♀, ant. 14, with strong teeth)

*A.* sp. (near *repleta* m.) *tetrasoma* tergite 1, stout femora, ant. 20, terebra very broad long.

*A.* sp. (like small *repleta*), ant. 18, ♀.

*A.* sp. (near *repleta* m.) ant. 16, ♀.

*A.* cf. *latifrons* m. ♀, ant. 19, very nice!

*A.* cf. *repleta* m. ♀, ant. 16.

*A.* (S) cf. *valida* m. ♀, ant. 21. *A.* (S) cf. *fulvipes* m. ♀, ant. 19. *A.* (S) cf. *repleta* m. ♀, ant. 20.

*Spacina areolaris* group 12. one ♀ only, its minute *oreocera*, ant. 25.

*Aphidius* 1, not id.

*Proctos* 21, of which 11 are minute & 10 are large!

Chalcids 27: sent to Graham.

Cynipids 2 very minute: one with coarse head!

Hemiptera 2: one, a small shield bug with = *Acanthosoma intermedium*.



66.

1.10.57, cont. A small Lick. & a *Dacnusa* taken on  
Kitchen window = *Hemiteles areator* ♀, dark, ant. 20.  
*Dacnusa leucipennis* ♀ (not ant.) + Blackid.

2<sup>nd</sup> Oct. Mainly dull, but a few bursts of sun early, with  
falling glass. Light drizzle off & on after 11 AM & rising,  
wind in evening. In afternoon Brian & I walked  
to the Forestry Office in Tollymore Park to order  
1/2 ton of firewood & 4 peeling posts (15 peeling x 3").  
On way home through wood took several beetles off  
fungi & several hymenoptera off bramble & laurel  
with smoker, as follows: —

Tollymore Park, DO. 3.3 - 4.0 PM.

*Hemiteles* sp. ♂, ant. 22.

*Stenomacrus*

*Stenomacrus ventralis* 1 ♀, ant. 23. *Helictes* ♀, ant. 21.

*Polyblastus westringi* ♀, with larvae; ant. 20.

Emphygid ♂ = *Spilobolus* sp. ♀, ant. 33. (?? of *G. ruficornis* Th.).

Proctos 1 =

Two beetles on fungi = *Eychanastus luteus* (typical form) (cf. H.W. Bell).  
NB Taken by H.W. Bell on 10th June 1957.

3<sup>rd</sup> & 4<sup>th</sup> Oct. Two nice days, with high glass, the former  
entirely dull, 4<sup>th</sup> much warmer, with considerable sun after a early  
morning drizzle between 8 & 9 AM. A large flock of  
*Hirundo* seen over the field to the west of the garden.  
At least 20 birds seen in the park at 2.30 PM.

67.

5<sup>th</sup> Oct 1957. A very mild, almost sunny, day, with  
a good deal of sun, after a slight morning drizzle.

6<sup>th</sup> Oct. Another very nice day, after drizzle over  
the mountains during the forenoon, but no rain. Some sun —  
forenoon, but dull & misty in afternoon, when  
Brian & I walked via the plantation & across the  
Tullybrannigan Burn to Carraghard — local promontory  
I find in "Carraghard" — the former site of a shallow  
lake between Tollymore Park & Shanahan, now drained  
but very wet with 1/2 mile stretch of *Phragmites* growing along  
the drain in bed of the former lake. *Carex rostrata*,  
*Scirpus fluitans* & a common plant I find I find seen  
on 1.9.57.  
Growing in the outlet about 1/2 mile E. of the reed bed  
& which I cannot identify. Today I have brought  
home a clump of it & planted it in one of the burn in  
back garden. I tried mapping the outlet of the former  
lake & took the following: —

Carraghard, Co. DO. 60. 620 feet alt.

Emphygid ♂ = *Spilobolus* *luteus*, ♂, ant. 36, small about as common!  
[Another smaller ♂ taken which I subsequently accepted.]

*Ademon demerens* a large black ♀, with dark wings  
seen on edge of river 1/2 mile below site of lake & reed bed.  
NB I have not seen any *Water* *beetles* in the locality  
but will search for it next year.

Mynarid =



68.

6.10.57, cont. Tollymore Park, DO., 3.30-4.0 P.M.  
After crossing Burnage Road, we went N. along the shore  
line of the old lake & then cut up & into the plantations  
of Tollymore Park at the angle of the wall beside the  
old gate & walked up to the gap between what I have  
called the E. & W. Drains — for want of a better name!  
— where four roads meet & from where a grassy  
ride leads westwards towards the top of the western  
Drains. I swept the lower part of the ride  
for 1/4 of a mile (or less) & then took the following, 1—  
Tollymore Park, DO. Taken at 2.

Thripsid sub. ♀ = *Epitoma parva* (= *pugnax*), ant. 23.

Hemiteles sp. ♀, ant. 20.

" of *granulosa* ♀ very small, ant. 19.

Mesochorus ♂ =

*Stenomacrus ventralis* 5000, 1 ♀.

*Apanteles* cf. *vitipennis* ♀.

*Blacus strator* ♂ 2 ♀♀, ant. both 15: one given to H.W. Belling, 3/1958.

*Aspilota* spp. 4 + all *Synaldis* 3000, 1 ♀ =

*A. (S.)* ♀, ant. 19.

*A. (S.)* 2000 pale legs, ant. both 21.

*A. (S.)* cf. *concolor*, 1000, ant. 20, dark legs.

69.

6.10.57(2), cont. Tollymore Park, DO., cont.

*Dacnusa areolaris* several ♀♀? none mtd.

*D. cf. longicauda* 5000 + 4000 (about 6), but added with me  
parallel to each towards apex of wing & usually, comes  
all pale. 1 ♂, 1 ♀ are typical *longicauda*; 3000, 1 ♀, with first mouth  
sternuli more agree + with some Nixon, ant. 23, 24, 25 (2000), 24 ♀.  
*D. (G.) affinis* ♀, with granulate base to tergite 2, ant. 23.

*Proctos*, 6, all mounted =

*Chalcids*, 25, sent to Graham.

*Cynipid* 1, mtd.

In his letter of 17th March  
1958 Nixon confirms my  
identification of these as his  
*soma*. Although he only recorded this  
from Sweden in his "Revisions"  
he now tells me he recorded a single ♀  
taken in Scotland (Glasgow, August 1939).  
R.S. Benson, in 1939.  
H.M.S.

7th Oct. Another nice day after a brief & light drizzle  
about 11 AM. Wind light E-SE, cool — then on 6th & not  
much sun. During forenoon & mid day large flocks  
of Swallows & I think House Martins played about the  
district. One of their games was to settle & flutter their wings  
as crowded as possible on one of the eaves of the  
back of Mr Brasport's house in Shes Burnage Ave.  
After lunch I left home, alone, & walked to Tollymore  
Park to look for more *Blacus strator*, then arrived  
at the grassy all at 3 PM — on time from home!



70. 7.10.57, cont. Tollymore Park, DO.

Collected along a grassy ride in plantation, referred to in yesterday's notes. The trees in the plantation are larch, with odd seedlings of beech (? from the older generation of woodland), the ground vegetation is mainly grass, with some bramble, Wood Sage, Bluebell, Foxglove, & no doubt other herbs. Swept from 3 PM until 4.30 & took the following:—

*Myrmica ruginodis* ♀.

*Spilomela* sp. 3♀♀: not mtd.

*Hametula* sp. 3♀♀: only one mtd. = *H. cf. politus* ♀, ant. 21.

*Microgaster* sp. 3♀♀: none mtd.

*Rampusota cf. marginator* ♀, swept off Foxglove leaf, ant. 29.

*Polyblastus* 3♂♂, black legs, femora; one mtd, ant. 27.

" *westringi* ♂, ant. 29.

*Stenomacrus rubicinctus* ca. 20, mostly ♂♂; none mtd.

*St.* sp. *Sollus*: 4♂♂ = *St. cf. callidulus*? 2♀♀, ant. both 22.

*St. laricis*, ♀, ant. 28.

*St. cf. menula* ♀, ant. 23.

*St. (neuratus)* sp. near *lunaticus*, ♀, ant. 19.

*Apanteles cf. pallipes* ♀: propodeum rugulose, mtd, but there is no keel!

*Blacus strabus* 1♀, ant. 15: given to Marcus Graham in Jan. 1958.

*Pentapleura angustula* 2 minute ♂♂, not mtd.

*Adelius sylvia* ♀, ant. 36.

71. 7.10.57, cont. Tollymore Park, DO.

*Phaenocarpa* *Girdis* ♀, ant. 26.

*Alloea contracta* ♂, not mtd.

*Aspilota* (*Synaldis*) ca. 30, some very minute, including *dentifemur*! only 1 ♂, mtd. = See below.

*Exochus* *arabicus* group ca. 40 & most the form of *longiradiatus* referred to under 6th Oct. none mtd. = some Nixon!

2 *aphanta* *cyelop* & *elegantula* 1 of each: only the *aphanta* mtd. (very minute).

2 (*G.*) *affinis* 1♀: not mtd.

2 (*G.*) *subignarus* 4: not mtd. (NB. There is a hollow in the

*Chasmodon conjugens* 1♂, 1♀ { very dark! side where water lies after rain! } not mtd. 2♂♂ 20 & 21-segmented.

*Ephedrus* *validus* 1♀: not mtd.

*Aphidius* sp. ♀: none mtd.

*Proctos.* 8: 2 very minute put with the *Aspilota*: 3 mounted only = *Oxyphus maculata* K. ♂, AWS. 24/1/56.

*Chalcids* ca. 100 sent to Graham!

Cynipid. 2 larger, 5 almost microscopical.

*Pimpla* *dispar* with very long wings =

*Aspilota dentifemur*, male ♂, ant. 22.

*A. crassifemur* ♀, mtd, ant. 22.

*A. minutissima* ♀, ant. 17.

*A. cf. quadratus* ♀, ant. 15, triple.

*A. (Synaldis)* sp? *A. minute* ♂, ant. 16.

*A. (S.) cf. rudenticornis*? small ♀, ant. 18.



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8th Oct 1957. Another & even more perfect "summer" day, entirely sunny & very warm sun, with east to south breeze in forenoon, almost windless in afternoon.

In afternoon I went for third day running to Tollymore Park, taking with me the same "mosses" also.

I collected into three walks as follows:—

1 = Grassy drive in forest plantation as on 6th & 7th but only from road to the rain pool in hollow about 150 yards from W end of ride. 2.20 - 2.50 PM.

2 = Only around the rain pool! 2.50 - 3.10 PM.

3 = The remainder of the ride to summit of the Gully. Here another ride comes up from near the south boundary wall of the plantation & back along road to the east end of the grassy ride (No. 1). 3.10 - 3.30 PM.  
+ 4.0 - 4.30 PM.

Tollymore Park, DO.

Taken at 1.

✓ *Microcryptus micropterus*, ♀, wingless, ant. 21.

*Stenomacrus ventralis* ♂, wingless, ant. 21: none mtd.

✓ *St. rubicundus* ♂, ant. 24

*Orthocentrus proclivus* 2♀♀: not mtd.

✓ *Adelius flaviventris* ♂, ant. 27.

*Phaenocarpa livida* ♂: not mtd.

73

8.10.57 (1) cont. Tollymore Park, DO.

✓ *Aspilota* sp. 4 = *A. erigone* ♂, ant. 27. *A. pumilio*, small ♂, ant. 17.

*A. cf. erigone* 2♀♀, ant. 19-20, but rather slender.

*A. (Synaldis) of lineolar* ♂, dark legs, ant. 21.

*Dacnusa areolaris* group 7: none mtd.

✓ *D. (G.) affinis* 2: not mtd.

✓ *Aphidius* sp. ♂ & ♀: not mtd.

*Proctos*. 4 + minute forms: 1 mounted only, = *Acropicta ruficornis* ♂?

*Chalcids* ca 25: sent to Graham

Taken at 2.

*Pentapleura angustula* ♀: not mtd.

✓ *Aspilota* 2 = *A. minutissima* ♀, ant. 17.  
*A. (Synaldis) of lineolar*? ♂, ant. 20: legs rather pale.

*Dacnusa areolaris* group 10: none mtd.

✓ *D. (A.) uliginosa* 3♂♂, 1♀: 1♀ only, mtd. ant. 24.

*Chorebus conjugens* ♀: not mtd.

✓ *Proctos* 5: 2 only mtd. = *Pantochus*? ♀

8

*Chalcids* ca 15: sent to Graham



8.10.57, cont. Tollymore Park, DO. cont.

Taken at 3

- Cratichneumon cf. ochropus* ♂, ant. 34.
- Epitomus parvus* 3 ♀♀: 1 mtd. has 22 seg. ant. (= *Ep. pygmaea*?)
- Microgaster nigrocinereus*, small ♀ 20 seg. ant.
- Helorus* sp. 5 small ♀♀: none mtd.
- Hydrophilus* 2 ♀♀: smaller (ant. 48), larger (ant. 50) = *H. cf. fasciatus* Thoms. (= *nervosus* Grav.)
- Stenomacrus ventralis* 2 ♂♂, 1 ♀: none mtd.
- St. leucopus* ♂, ant. 28; rather large example!
- St. ruficornis* ♀, ant. 23.
- Chrysomelid* ♀ = *Repisa ruficornis*, small ♀, ant. 30.
- Pentapleura angustula* ♀ mtd.
- Phaenocarpa livida* 1 ♂, 1 ♀: ♀ only mtd., ant. 29.
- Aspilota* sp. 9: none mtd.

- Dacnusa areolaris* group ca. 20: none mtd.
- 2 *Aphanta* ♂ & ♀, ant. 24(♂), 26(♀)!!
- 2 *Dacnusa* ♂, ant. 30. D. adducta ♀, damaged: not mtd.
- 2 *melanocera* ♀, ant. 24
- Aphidius* sp. 3: none mtd.

8.10.57(2), cont. Tollymore Park, DO. cont.

Proctor: 6. none kept.

# **Mystery object in sky was 'like blazing football'** says eye-witness

THE phone at Armagh Observatory rang almost continuously last night with reports of the flaming object, the appearance of which over the Isle of Man early yesterday was accompanied by a loud explosion.

Mr. Frank KIELTY, a Belfast Corporation bus conductor, who saw the object from his home at Comber just before 2.30 a.m., described it as "like a great, blazing rugby football."

He added: "Suddenly, the whole place was lit up by a brilliant white light. Looking up, I saw a large,



... great fireball passed eastwards, & swept away the smoky haze of 9th & 10th. The Russian 'baby moon' reported to seen in various places in Ulster about 5.30 AM. It did not, however, disturb our slumbers!

Graham.

... mtd. var. = ant. 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

... mtd. var. = ant. 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

... mtd. var. = ant. 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.



Belfast Telegraph Sat. 30 Nov 57

# Mystery object in sky was 'like blazing football'

## says eye-witness

THE phone at Armagh Observatory rang almost continuously last night with reports of the flaming object, the appearance of which over the Isle of Man early yesterday was accompanied by a loud explosion.

Mr. Frank Kielty, a Belfast Corporation bus conductor, who saw the object from his home at Comber just before 2-30 a.m., described it as "like a great, blazing rugby football."

He added: "Suddenly, the whole place was lit up by a brilliant white light. Looking up, I saw a large,



Miss Tease.

very bright thing low in the sky in the direction of Ballygowan. It moved towards Bangor and at times it seemed to have a brilliant tail to it.

"It was so large and bright, I've never seen anything like it. I must have watched it for 20 or 30 seconds, before it disappeared in the direction of the Isle of Man."

Among those who saw it were members of the staff at Nutt's Corner Airport and a Belfast-born Coastguard, James Harvey (30), who was just coming off duty at his station nine miles from Douglas.

Mr. Harvey said that the object was "miles up" and certainly nothing like a shooting star or a meteor.

Dr. E. M. Lindsay, the director of Armagh Observatory, said that an examination of the reports suggested that the object was a meteor—possibly a bolide or exploding meteor.

"It certainly could not have been the rocket of the first satellite, which was seen yesterday."

Another report of sighting a mystery object came to-day from Miss Kathleen Tease, a 19-year-old Belfast office worker.

Miss Tease said that when she got off a bus at Legacurry, near Hillsborough, at 6-15 last night, she saw a "bright yellow light" in the south-west, moving slowly towards the west. It was low on the horizon and at times seemed to have a bright tail.

Miss Tease said that the object was also seen by her parents, Mr. and Mrs. John Tease, and by her friend, Miss Irene Clarke, of Cabra.

## 'NOTHING NORMAL'

"I am interested in astronomy, and it was definitely nothing normal," she added.

As an aid to observers who may be looking out for the "death-fall" of the Russian rocket, which would Lindsay has suggested a watch probably be visible in daylight, Dr. at 7, 9 and 11 a.m., south-east to north-west; and 1.30, 3.30, and 5.30 p.m., north-west to south-east.

These times applied for the next few days, he said, adding: "Everything is very uncertain about the rocket just now, and it is impossible to make firm predictions."

The rocket, he thought, might be seen to-morrow in the south-west at 4.20 or 4.56 p.m.

Sputnik II, which was spotted yesterday morning by Mr. Ronald Falls, of Finaghy, may be seen to-morrow at 5.58 a.m.

Professor A. C. B. Lovell, in charge of the Jodrell Bank (Cheshire) radio telescope, said to-day that it might well be that the rocket of Sputnik I has already come down.



**BUY** your new Triumph through the officially appointed dealer—Wilson & Leeper, Limited, Ulster's Permanent Motor Show, 33-49 Bridge End, Belfast.

**CAR** Radio, Smith-H.M.V. de luxe push button model, 12-volt, cost £34 15s this year, perfect, £20 for quick Sale.—Inquire, Stanley Motor Works, Great Victoria Street.

**CELLULOSING** and Metalwork.—T. J. Davey & Co., 1a Clements Street, Shankill Road. Phone 26995.

**DECENT** Rolls Royce wanted, also Veteran Car.—Box P0390.

**DISMANTLING** all classes of Cars, all Parts cheap; also a good price given for your unwanted Car.—31a Finlay Street, Ligoniel. Phone 45779.

**KELLY Bros.** of Shankill.—Xmas! The festive season is drawing near, and almost everyone is looking forward to having a wonderful time. May we suggest a gift that will give endless pleasure to every member of the family, both old and young, not only at Xmas but throughout the year. A Kelly Bros. carefully selected Used Car is the complete answer to this worrying question—"What shall I give?" Years have proved that our Used Cars are not only beautiful but are really outstanding in performance and most remarkable of all is the fact that due to smooth working efficiency of our organisation, and out of determination to sell the best at the cheapest possible price, these super cars cost no more than ordinary cars. We have scores of breath-taking models in stock at present that really must be seen to be appreciated. Here are some examples from our extensive stock:—

**KELLY Bros.**—1957 Wolseley 1,500 De Luxe, two-tone, as new.—Phone 22305.

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**KELLY Bros.**—1956 Ford Anglia, two-tone, cream and black, immaculate.—Phone 22305.

**KELLY Bros.**—1956 Standard 10 De Luxe, black, absolutely immaculate.—Phone 28614.

**KELLY Bros.**—1955 Morris Oxford Traveller's Car, very carefully maintained.—Phone 23683.

**KELLY Bros.**—1955 Vauxhall Wyvern, metallic grey, beautiful condition.—Phone 22305.

**KELLY Bros.**—1955 Ford Anglia, fawn, heater, &c.—Phone 28614.

**KELLY Bros.**—1955 Vauxhall Velox, black, spotless condition.—Phone 23683.

**KELLY Bros.**—1955 Austin A30, fawn, four-door.—Phone 22305.

**KELLY Bros.**—1955 Ford Prefect, two-tone, fawn, one owner.—Phone 28614.

**KELLY Bros.**—1955 Ford Consul, fawn, immaculate (choice of two).—Phone 23683.

**KELLY Bros.**—1955 Morris Minor, black, two-door, heater, &c.—Phone 22305.

**KELLY Bros.**—1955 Austin A50, ivory, spotless condition throughout.—Phone 28614.

**KELLY Bros.**—1955 Hillman Minx, grey, one owner, low mileage.—Phone 23683.

**KELLY Bros.**—1955 Austin Westminster, blue, spotless.—Phone 22305.

**KELLY Bros.**—1955 Morris Oxford, green, immaculate.—Phone 28614.

**KELLY Bros.**—1955 Vauxhall Wyvern, black, well maintained.—Phone 22305.

**KELLY Bros.**—1954 (late) Morris Oxford, grey, sound throughout.—Phone 23683.

**KELLY Bros.**—1954 Austin Somerset Convertible, many extras.—Phone 28614.

**KELLY Bros.**—1954 Morris Minor, Clarendon grey, lovely car.—Phone 22305.

**KELLY Bros.**—1954 Standard 8, two-tone, very clean.—Phone 23683.

**KELLY Bros.**—1954 Ford Popular, black, well maintained.—Phone 28614.

**KELLY Bros.**—1954 Standard 8, blue, heater, &c.—Phone 22305.

**KELLY Bros.**—1953 Triumph Mayflower, black, spotless condition.—Phone 23683.

**KELLY Bros.**—1953 Vauxhall Wyvern, metallic blue.—Phone 28614.

**KELLY Bros.**—1953 Morris Oxford, green, recently reconditioned.—Phone 22305.

**KELLY Bros.**—1953 Hillman Minx, fawn, well maintained.—Phone 23683.

**KELLY Bros.**—1953 Ford Anglia, black, reconditioned.—Phone 28614.

**KELLY Bros.**—1953 Hillman Minx, black, good driver.—Phone 22305.

**KELLY Bros.**—1953 Morris Minor, Clarendon grey, two-door.—Phone 23683.

**KELLY Bros.**—1953 Ford Consul, black, absolutely immaculate.—Phone 28614.

**KELLY Bros.**—1953 Morris Oxford, reconditioned engine, black.—Phone 22305.

**KELLY Bros.**—1953 (Oct.) Ford Prefect, blue, well maintained.—Phone 23683.

**KELLY Bros.**—1952 Sunbeam Talbot, two-tone green, highly recommended.—Phone 22305.

**KELLY Bros.**—1952 Austin Sheerline, black, radio and heater, spotless.—Phone 23683.

**KELLY Bros.**—1952 Morris Oxford, green, beautiful driver.—Phone 28614.

**KELLY Bros.**—1952 Wolseley 6/80, black, very clean throughout.—Phone 22305.

**KELLY Bros.**—1952 Vauxhall Wyvern, black (two in stock).—Phone 23683.

**KELLY Bros.**—1951 Morris Minor, green, four-door, immaculate.—Phone 28614.

**KELLY Bros.**—1951 Hillman Minx, heater, &c.—Phone 22305.

**KELLY Bros.**—1951 Ford Anglia, black, good driver.—Phone 23683.

**KELLY Bros.**—1951 Vauxhall Wyvern, black, sound car.—Phone 28614.

**KELLY Bros.**—1951 Standard Vanguard, maroon, very clean.—Phone 22305.

**KELLY Bros.**—1951 Ford Prefect, black (choice of two).—Phone 23683.

**KELLY Bros.**—1951 Austin A40, black, fingertip gears.—Phone 28614.

**KELLY Bros.**—1951 Humber Snipe, black, tip-up seats and division.—Phone 22305.

**KELLY Bros.**—1950 Ford Prefect, black, well maintained.—Phone 23683.

**KELLY Bros.**—1950 Standard Vanguard Estate Car, blue, sound car.—Phone 28614.

**KELLY Bros.**—1950 Morris 6, black, well maintained.—Phone 22305.

**KELLY Bros.**—1950 (Oct.) Morris Minor, black, two-door.—Phone 23683.

**KELLY Bros.**—1950 Humber Hawk, black, immaculate.—Phone 22305.

**KELLY Bros.**—1950 Hillman Minx, green, good driver.—Phone 23683.

**KELLY Bros.**—1950 (Sep.) Triumph Renown, black, sound throughout.—Phone 28614.

**KELLY Bros.**—1949 Morris Oxford, maroon, well maintained.—Phone 22305.

**KELLY Bros.**—1949 Hillman Minx, two-tone green, beautiful driver.—Phone 23683.

**KELLY Bros.**—1949 Vauxhall Wyvern (choice of two), black.—Phone 28614.

**KELLY Bros.**—1949 Vauxhall Velox, black, good driver.—Phone 22305.

**KELLY Bros.**—1949 Austin A40, green, very clean.—Phone 23683.

**KELLY Bros.**—1949 Hillman Minx, black, reconditioned throughout.—Phone 28614.

**KELLY Bros.**—1948 Austin 16, black, immaculate (choice of two).—Phone 22305.

**KELLY Bros.**—1948 Standard 8, black, reconditioned engine fitted.—Phone 23683.

**KELLY Bros.**—1948 Standard 12, black, beautiful driver.—Phone 28614.

**KELLY Bros.**—1947 Morris 8, green, sound throughout.—Phone 22305.

**KELLY Bros.**—1947 Ford Anglia, black, extras, absolutely spotless.—Phone 23683.

**KELLY Bros.**—1947 Austin 10 (two in stock).—Phone 28614.

**KELLY Bros.**—1947 Austin 8, blue, very clean.—Phone 22305.

**KELLY Bros.**—1946 Austin 10, black, very good driver.—Phone 23683.

**KELLY Bros.**—1946 Ford Prefect, black, good driver.—Phone 28614.

**KELLY Bros.**—1946 Austin 8, black, very clean.—Phone 22305.

**KELLY Bros.**—1946 Morris 8, black, two-door.—Phone 23683.

**KELLY Bros.**—1946 Rover 12, well maintained car.—Phone 28614.

**KELLY Bros.**—1939 Ford 8, grey, outstanding condition.—Phone 22305.

**KELLY Bros.**—1939 Standard 8, black, good driver.—Phone 23683.

**KELLY Bros.**—1939 Morris 8, black, clean car.—Phone 28614.

**KELLY Bros.**—1939 Vauxhall 12, good driver.—Phone 22305.

**KELLY Bros.**—1938 Hillman 10, black (choice of two).—Phone 23683.

**KELLY Bros.**—1937 Austin 10, black, very clean.—Phone 28614.

**KELLY Bros.** have many more good clean post-war Cars, also dozens of sound pre-war Cars, at very low prices. Call now at 3 Diamond Street or 35-37 Shankill Road.

Hire purchase terms confidentially arranged and insurance on the spot. Hours 9 a.m. until 9 p.m. daily and until 5 p.m. Saturday. Phones 22305, 28614 and 23683.

**M.G. T.D.** or **T.F.** wanted, genuine buyer.—All particulars, price, &c., Box 1332.

**MORRIS 8** 1936, good driver, £27 quick Sale.—38 Park Avenue, Dundonald.

**OIL**—29s 6d 5-gall. drum at Motor Supplies, 52 Upper Arthur Street, Belfast.

**RILEY 1½-litre** 1946-8 N.S. Front Mudguard, Radiator Grill, Bumpers, or Spares wanted.—Price, &c., Box 9741.

**T.R.2** (February 1958) white with black



8.10.57, cont.

Tollymore Park, DO. cont.

Taken at 3.

*Cratichneumon cf. ochropus* ♂, ant. 34.*Epitomus parvus* 3 ♀♀: 1 mtd. has 22 seg. ant. (= *Ep. pygmaea*?)*Microgaster nigricinctus*, small ♀ 20 seg. ant.*Hametia* sp. 5 small ♀♀: none mtd.*Hedw. dactylus* 2 ♀♀: smaller (ant. 48), larger (ant. 50) = *H. cf. fasciata* Thunb. (= *vulnerator* Grav.)*Stenomacrus ventralis* 2 ♂♂, 1 ♀: none mtd.*St. laticornis* ♂ ♀, ant. 28: rather large example!*St. rubicundus* ♀, ant. 23.*Ch. populei* ♀ = *repens concinna*, small ♀, ant. 30.*Pentapleura angustula* ♀ mtd.21 *Phaenocarpa livida* 10 ♂, 1 ♀: ♀ only mtd., ant. 29.*Aphidius* sp. 9: none mtd.*Dacnusa areolaris* group ca. 40: none mtd.22 *D. aphanta* ♂ + ♀, ant. 24(♂), 26(♀)!!✓ *D. areolaris* ♂, ant. 30*D. adducta* 4, all equal: not mtd.✓ *D. melanocera* ♀, ant. 24

23

*Aphidius* sp. 3: none mtd.

8.10.57(3), cont.

Tollymore Park, DO. cont.

Proctos - 6: none kept.

*Chalcids* ca. 20: sent to Graham.*Coenocentrus* beetle = *Co. variabilis* Grav. with spots on red!

9th + 10th Oct. Two entirely dull, with a dry haze, but English smoke & easting brought high visibility, fog, while England had considerable areas of fog - the first of the winter. On 9th took a ♀ *Pimpla cf. flavicornis*, ant. 33, struggling in one of the rain water tubes & 2 Chalcids on house windows on 10th. Many Swallows & House Martins seen in afternoon of 9th.

11th Oct. A beautiful day, with westerly breeze & much hot sun, but much cooler, after some slight drizzle early, the previous night. A cold front passed eastward, & swept away the smoky haze of 9th & 10th. The Russian "baby moon" reported a run in various places in Ulster about 5.30 AM. It did not, however, disturb our slumbers!







25-10-57. cont.

would go in death duties, +?

26<sup>th</sup> Oct. After a very wet night, a nice sunny, mild, day till 4 P.M. when clouds appeared & drizzle started soon after. Later till late evening when a new depression approached & wind became strong from south. About noon in warm sun I heard a humble bee when I was working at the front fence along Tullybrannigan Road & turned round to see (to hear better) a ♀ Psithyrus which from its dark colour & red tail could only have been P. superciliosus - a very late date!

27<sup>th</sup> Oct. Gale from south & drizzle all day, mild.

28<sup>th</sup> Oct. Drizzle & no wind, mild, all forenoon & dusk in afternoon & I got in 1½ hours work at front "ditch".

29<sup>th</sup> Oct. After a dry & calm night, a windless day! Dry but dull till 1.0 P.M. then drip started, with very heavy rain most of the afternoon & later thick "Scottish mist", absolutely windless & mild in evening. When emptying cut-glass at 12.45 I passed a large humble bee as I went down the garden, but in bad light I could make no attempt to identify it. Did two hours work at front "ditch" in forenoon & completed removal of surface vegetation of 1/3 of it & then cut back "lawn".

30<sup>th</sup> Oct. A most beautiful forenoon & midday, entirely hot sun & not a cloud, with light SW wind, but cloud appeared in afternoon & also cloudy (4.30 P.M.) that our chance to see the Russian rocket satellite due to pass over at 5.15 P.M. was spoiled. Some gusts of wind & rain came on between 8.19 P.M. from SW. In forenoon completed the first half of clearing the vegetation of front-ditch.

31<sup>st</sup> Oct. Rather a mild day, with slight showers, but mild in early forenoon with warm sun & during one of these spells I saw a ♀ Bombus lucorum fly to & sun itself on the ditch just E. of Sir Eyre Gordon's garden on Tullybrannigan Road. The wasp's nest of V. vulgaris in the same ditch still active. Saw on my way to talk to Mr. W. Reilly at No. 1. (Sunnydale Guest House!) to discuss the building of a garage & he strongly recommended me to employ J. Graham & Sons, of Greencastle St., Kilkeel, who carried out extension to their house last spring & so I wrote asking him to call, sometime.

In afternoon Daisy & I went to the Donard nurseries to arrange for purchase of some shrubs & other plants. By 5 P.M. the weather was very cold & later blew a whole gale but no rain before bedtime.



1<sup>st</sup> Nov 1957. Almost a dry day, but a few shifts of rain, considerable rain in forenoon, but cold strong W. wind & afternoon dull, cold & very windy. A pen from greenhouse roof taken off by a gust during rain (?) as I had left door open. Finished rain task of removing vegetation off front bank & only some roots of bramble, honyuckle embedded in the old stone face of the bank now remains to be removed. The work took me about 12 hours, spread over parts of 5 days or just about half the time I reckoned it would take & included removing the stump of a very large & old alder.

2<sup>nd</sup> Nov. A nice clear, cold, sunny morning, but clouds appeared about noon & drizzle started, followed by very heavy rain all afternoon. Barometer started to fall in afternoon & wind, which had backed from SW to SE fell entirely, though barometer still falling, heavily at 6 P.M.

In forenoon I measured much of the glass on S. side of the roof of the greenhouse with strips of "Sylglass" which I have had for some months, & later & just before rain I got a bonfire burning to get rid of the vegetation stripped from the front ditch during the week & in spite of the rain this was still burning at 5 P.M. The clump of Whin (*Ulex europaeus*) in the wazzy at foot of back garden with a few flowers open for about a week.

3<sup>rd</sup> November 57. A cold dry day, with much sun & only light westerly breeze, in spite of fact that glass had fallen for nearly 24 hours & weather forecast was about as bad as possible - "floods" in parts of southern England & "continuous rain" over S.E. Scotland. At noon, during rain interval, a ♀ *Bombus hortorum* flew past my head & went to flowers of *Urtica dioica* beside the greenhouse. This species has appeared particularly frequent of these *Urtica* flowers this year & there must have been a very late nest of *hortorum* in the district. An worn female was seen at the flowers very late in the season & fresh ♀♀ all through Sept. & into Oct. but none seen for several weeks before today. In afternoon, Daisy & I walked to The Drive via path outside the southern wall of Tollymore Park & home through the park. The new grassy ridge in land plantation where I took 3 ♀♀ of *silvestris* on 6th & 7th Oct. last was today much trodden & covered with branches & "thinning" of the plantation is taking place & at the moment sweeping of any kind would be impossible. *Ranunculus flammula* in flower in marshy drain on townland, ca 650 feet alt, S. of Tollymore Park wall.







8th Nov. 1957. A day spoiled by several cold wet showers & cloud after a brilliant early morning. The frost after 9 PM on 8th, some cloud & showers before dawn. Weather on day progressed & quite a few insects seen.

9th Nov. A dry day, sunny in forenoon, more cloudy later. Mr Graham of Kildal called in afternoon with his tender for the garage, etc., which will cost ca. £260 + £14 extra for garage doors on Roll-Over Track, & what timber I will accept. An letter & specification inserted here in diary. White frost & clear sky by bed time!

10th Nov. Frost disappeared shortly after midnight & a cloudy sky, then till breakfast-time, when sun broke through & though the day remained dry, there was little or no sun after mid-day. Wind light NW & on previous days. A ♀ specimen of *Orthocentrus* (*O. protuberans*)<sup>(ant. 32)</sup> under kitchen window & a ♀ *Hamitula* cf. *erector*<sup>(ant. 22)</sup> outside. Both of which I caught - made me suspect more. Paratene might be out there lately & on after an early dinner we started out for Tollymore Park via the Carrigrohane (NB. NOT "Tollymore" as previously supposed, but pronounced "Carrigrohane"! ) & found my compass was correct & quite a few hymenoptera were out. Collected, mainly by sweeping Laurel, etc.

a ♀ *Vespa vulgaris* seen on 10th Nov. (10.55 AM) flying about 20 ft. high.

10.11.57, cont. Tollymore Park, DO, along the drive which leads from Carrigrohane to the main road & through "Reggie's Park" & back to the following, between 2.30 & 3.20 PM.

*Hamitula* sp. ♀ ant. 22  
H. sp. ♀ ant. (17-20).  
*Mesoleptus* ♀ very nice = cf. *Mesoleptus modestus* Haliday, ♀, ant. 34.

*Orthocentrus* sp. 4 (only 3 mounted!) = *O. protuberans* ♀ (ant. 30) & ♂ (ant. 32)

*O. cf. convergens*? ♂ ant. 28.  
*Stenomacrus ruficornis* ♀, ant. 23.  
*Stenomacrus ruficornis* ♂♂ & ♀♀, common; 20 in number, as well as one specimen of a smaller species of same group, but with thorax blackish ventrad = cf. *S. callitula*? 3♂♂ (ant. 21, 22, 23); 2♀♀ (ant. 22, 23) mounted!

*Apocryptus* sp. longer terebra, paler legs, ant. 20.  
A. sp. ♀, shorter terebra, darker legs, ant. 18.

*Meteorus filator* ♀

*Aspilota* spp. 10 = *A. cf. tyra*? 3♂♂, 1♀ (ant. 23, 23, 25 & 16)

*A. cynipidis*: ♀, ant. 19: very typical ex! *A. circularia*: 2♂♂, 1♀ (ant. 15, 15 & 17).

*A. cf. furcicornis* 1♂, 1♀ (ant. 17 & 16)

*Dacnusa* (s.) *arcularia* 1♀ only: ant. 20.

*Plectiscus* 2 spp. 6 =

+ 1 ♀ =

*Chalcid* 10: sent to Graham.

*Cynipid* 1



86.

11<sup>th</sup> Nov. 1957. After a dull early morning a light drip began about 9 AM. with no wind but variable draughts from all points of the compass, though cloud-drift from N.E.

The drip steadily increased in afternoon & heavy rain all evening, after dark, when mild & absolutely windless.

In forenoon piled logs from Forestry ( $\frac{1}{2}$  ton!) & saw Mr Crawford about the building of the garage & he told me we could go ahead with its construction.

Consequently I posted letter to Mr Graham of Kilkeel telling him I agreed to his tender, ten allowance for earth floor instead of concrete; said I assumed his tender included wall & door between garage & house; raised? about electric light shows on my sketch; & also sent sketch of suggested pool on S. (garden) side of garage & asked him for estimate for same. In afternoon I carted most of the pile of soil which had accumulated on site of garage to the hollow between middle & lower plots beyond the greenhouse - a sticky job owing to the weather.

12<sup>th</sup> Nov. A dark, "smoky" day, with lowering misty clouds & strong east wind after a very wet night, but not cold. Fed the birds. H. Aspers & found them with birds & prepared for arrival of Graham's men to build the garage, etc.

87.

13<sup>th</sup> Nov 1957. A similar dry, cloudy, windy (E.) day to 12<sup>th</sup> but not so "smoky". Received letter from Mr Kennedy of Income Tax Dept., Provincial Bank, Dublin, telling me he had settled with U.K. & Eire Govts. concerning our income tax for year ending 5<sup>th</sup> April 1957 & that the result was that Eire would refund £29 & U.K. £27.

→ quite an unexpected result so far as we are concerned! But frost grass & did some digging out of stones & roots of bramble, ivy, etc. at S. end of front ditch on Tullybrannigan Road, for which I had taken the "skin" of vegetation off the last week of Oct & finished on 13<sup>th</sup> Nov.

14<sup>th</sup> Nov. Another dull, dry day, with E. wind, but in afternoon the wind dropped absolutely & a few drops of rain fell at times. The wind rose again in evening! Spent day on front-ditch in trying to make a bonfire!

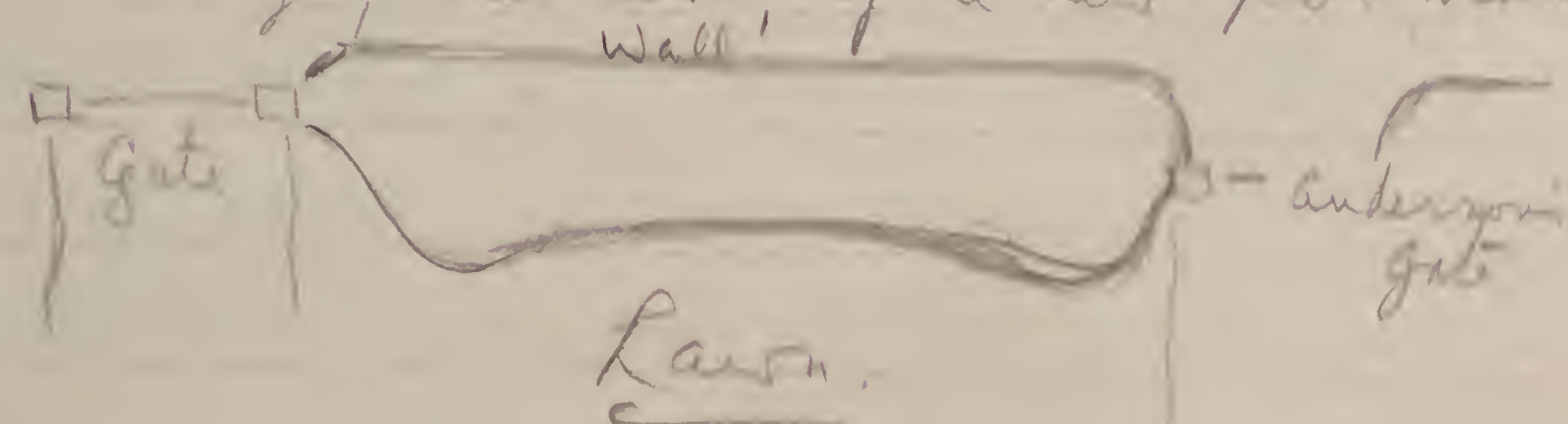
15<sup>th</sup> Nov. Entirely dull like previous days, but scarcely any wind & that variable - a new draught!

16<sup>th</sup> Nov. Rain on 15<sup>th</sup>. Similar to 15<sup>th</sup>. At 10-20 AM, when I was in greenhouse, Graham called me to look at a *Bombus* bee which was in a nest in a flower outside. I came out but as it flew away I could not identify the species, but it was much too small to have been either the lucorum or hortorum & was an... & seemed to be about the size of *gossellus*? in colour it resembled these species.



17th Nov. 1957. A dry, cold, day: no sun: with strong to gale force wind from E-SE all day. Drizzle setting in late in evening. Sunday! Coll. cones for huddling in plantations in afternoon; fed the young families of *scaberifrons* *Halictus confusus* in forenoon & found them quite lively. The other month, not fed for a fortnight!

18th Nov. A wild, cloudy, day, with slight drizzle at times blowing in the SE gale, mild & companion with last week. Marked out edge, next lawn, of the new plot around the front-ditch.



19th Nov. A monster! Severe gale during forenoon & heavy rain in afternoon, though wind gradually dropped as rain increased. Calm & strong by 7 P.M.

In afternoon went to Howard nursery & ordered 5 *Rhododendrons* (3 pink, 1 scarlet, 1 white) & 2 *Barbaris* for the front bank! *Erica villosa* type & white var. *Cotoneaster microphylla* for back next Anderson's fence on S. side of house. Built part of dry wall next front gate & in evening wrote Alan Dickson & Son, Newtownards, re pears & apples ('cordons') for S. wall of new garage!

This did not come  
re-ordered on  
30.12.57

20th Nov. 1957. A very mild, absolutely windless, day, but spoiled by thick misty drizzle in forenoon. Glass started to rise about 4 AM & by 6 P.M. had reached 30.5 in a continuous rise of about an inch. At 10.30 AM. Daisy saw a small "Bumble Bee, with yellow bands" & "White tail" in back garden on flower of a *Pansey* (the nasturtium flowers all withered by yesterday's gale!). While fiddling bank in front garden I must have dug up cells of *Andrena jacobae*, two females seen & one taken crawling on soil that day - the first mistaken for a Honey Bee & thrown aside. Finished outline of the remodelled bank facing the lawn.

21st Nov. A poor drizzle day with heavier rain at 3 PM. Work stopped at front garden ditch. Very mild, with strong southerly wind in morning, lighter & W. NW in afternoon, but freshening & freshening again in evening.

22nd Nov. A very bright, cold - very cold! - day; mainly sunny, but one short heavy shower at 1.30 P.M. nearly finished the digging & levelling of the site of the old front-bank on Tullyhannigan Road. Mr. Livers - connected with Botany Dept., Queen's University, before the 1914-1918 war! - called in afternoon to ask us to call on next Sunday afternoon at his house near S. end of "Tipperary Lane". Several wasps seen during the day. At 5.48 we saw the "Rocket" which carried up the 1st Russian earth-satellite or "spatnik" pass right overhead from N.W. to SE - the first time we have seen it. It was very bright - quite equal to Sirius or perhaps brighter. It only took 2 or 3 minutes to cross the sky, but not timed.   
 modern P.P.T. seen near Taggart's but in Tullyhannigan road.



23<sup>rd</sup> Nov. 1957. A very fine day, cold & sunny until nearly 5 P.M. then cloudy & milder.

24<sup>th</sup> Nov. Gulls fighting over titbits in <sup>the</sup> Butlin's refuse bin included black-headed & common gulls — those of the latter species the first I have seen here & all adult — about six, one of which had use of only one leg.

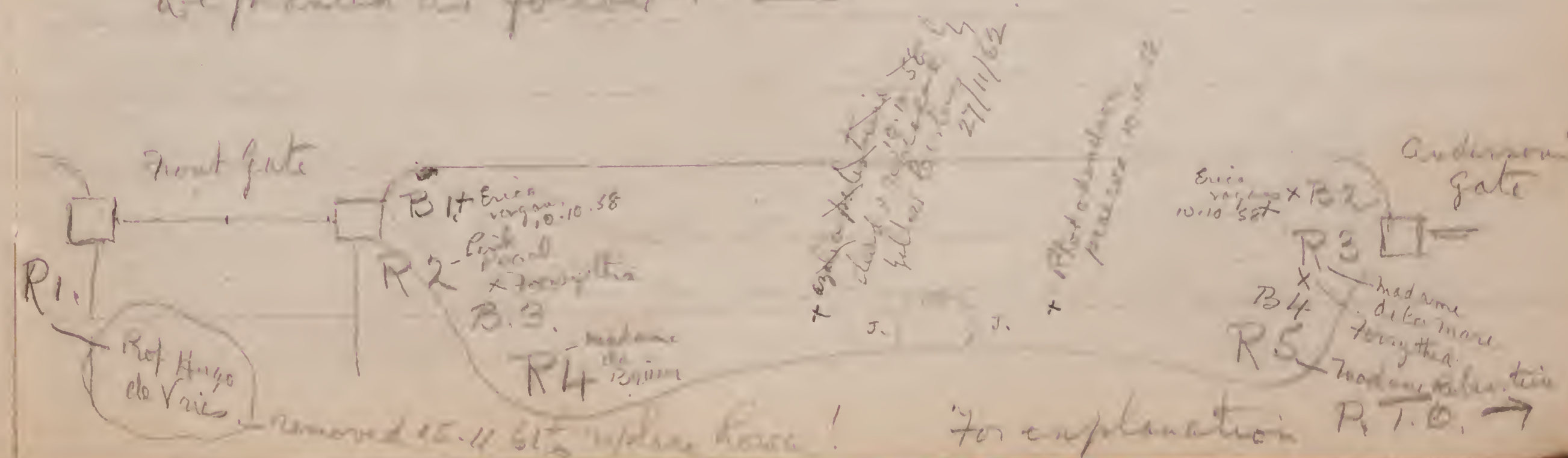
24<sup>th</sup> Nov. Entirely dull, almost windless, cloudy & dry. Doves seen during day, *V. vulgaris* ♂ & ♀. In afternoon we went to tea at Mr. Livers' in "Tipperary Lane" & spent some hours, 3.30-7.30 — with him & his daughter Joan. <sup>Chrysos & aphidius taken on kitchen window</sup> <sup>6 of transica of ant. 17.</sup>

25<sup>th</sup> Nov. Same as yesterday, i.e. dry & cloudy almost windless. Got P.C. to say Mr. Graham's men will be here tomorrow to start build the garage. I lodged £200 in bank to help pay for same — the result of selling Butlin's Prof. shares & some 4 1/2 per cent "Land Bonds." A Mr. M. Cartney brought "to see the garden" by our neighbour Mr. Gin in afternoon. Front bank ready to receive the shrubs ordered last week from the nursery. Got reprints on Boracoids ready to send to Eric Schmidt at "rue de Godchaux 39" chez Baudry, Bruxelles 4. A dead Lesser Shrew seen dead on football in Brynawford Road, just N. of Dr. Gibson's gate & near entrance to the park & miniature golf course.

26<sup>th</sup> Nov. 57. Dull, dry, mild & with light S.W. wind, some breaks in cloud in forenoon. J. Graham & Sons of Wilkes started work at building the garage about 9 A.M. this morning & by evening had the trench dug for foundation.

27<sup>th</sup> Nov. '57. Again dull & dry with fresh mild S.W. wind. Foundation for garage completed by Graham's men & considerable "top-soil" soil from site dumped on bank along road in front garden. I put 2 rolls, i.e. 60 feet of "Sylphes" on the most vulnerable panes of the greenhouse.

28<sup>th</sup> Nov. A lovely mild day with considerable warm sun in forenoon when a large bumble bee with white tail flew past me in front garden — almost certainly *B. lucorum*! Spent forenoon spreading soil excavated in digging the trench for the foundation of the garage by Graham's men yesterday & which I had ordered them to dump on the front bank. Just after dinner the Livers & I went to nursery & delivered 5 *Rhododendrons*, 4 *Berberis*, & 2 *Erica citrinifolia* (purple & white varieties). The *Rhododendron* & *Berberis* we planted as follows: —





28 Nov. 1957, cont.

The *Rhododendrons* & *Barbaris* are as follows:

R1 = Prof. Hugo de Vries } removed to back garden, top  
R2 = Pink Pearl } border, to replace Rowan tree!

R3 = Madame de la Mare

R4 = Madame de Simein

R5 = Madame Rubenstein

B. 2 & 3 = B. buxifolius

B. 1 & 4 = [? *barbaris*]

The *Ernia ciliaris* (purple & white) I planted in back garden with the other *Heaths* & *Agapanths*.

29th Nov. 57. A most perfect day! No wind & mild sun & really warm in the afternoon after a heavy dew.

Colours very & frosty drop in temperature following sunset. Spent fore & afternoon digging into & levelling the front bank, following the deposition on it of soil obtained from the site of the garage. Which I had got the man to dump in centre of the bank.

At about 2.23 A.M. this morning the garden behind the house was brilliantly illuminated from the sky & as I happened to be looking out of the window I imagined it must be the end of the rocket belonging to the Russian satellite No. 1 but no one else consulted had seen it & no mention of any meteorite ref. to in the newspaper. The illumination

67. cuttings from 30/11/57. Photograph 57/30/11/57.

29.11.57, cont. passed from N. to S. & then a shadow on the back lawn of the house about equal to its height. The object going out to light only took some 2 or 3 seconds to cross the sky & must have been quite close to the sea - to judge by the shadow. No sound of any kind was audible, though I lay awake for more than half an hour after it had passed.

30th Nov. Dull, windless, mild, with damp misty fog all day. Drought westerly in forenoon, dry, cooler in afternoon & damp enough to suit pavement; after 5 hours clear at night. Worked at front back in forenoon, filled up centre with grass & seeds & planted - one at each end - the two *Foray* this cutting brought from Dublin in June 1956 & now about 2 feet high.

1st Dec. '57. A dry, clear, cold day, with much sun but cold E-SE wind. In afternoon Michael Morrison called & we arranged that we would go to Paris on Thursday 26th June (1958) & that he would follow on Thursday 3rd July & we would all return on Thursday 17th July.

2nd Dec. A clear, bright, sunny day, but with bitter E. wind at times rising to gale force in gusts & very strong after dark. Graham men excavated at least half the width of the garage during the day, there being built of 18 x 12 x 6 concrete blocks - each weighing 6 stone I am told.



3<sup>rd</sup> Dec. 1957. Milder than 2<sup>nd</sup> & wind SW, not E. dry, with sun in forenoon. In afternoon Mr. Lavin & daughter came about 3.30 & had tea & we talked till nearly 10 P.M. He had formerly known Lavin in 1913-14 when he was assistant to Prof. Eugene Vaylank in Botany Dept. at Queen's University. Graham's men carried part of the walls of garage up to wall-plate level.

4<sup>th</sup> Dec. Mild, with slight drizzle in morning & afternoon, very mild & almost windless. Spent part of forenoon in Newcastle at bank, buying slippers. In afternoon completed sodding odd corners in front garden, with sods removed along edge of front bank.

Also planted small bush of *Veronica tulkeana* given me by Mr. Lavin yesterday. Planted above rock-border & near second loop of the burn at foot of back garden.

Graham's men completed walls of garage - except gables - & placed the W. window & W.C. windows in position & now await lintels over same & doors. Flower buds showing on *Saxifraga opiculata* & first flowers open on the early Mediterranean Heath.

5<sup>th</sup> Dec. A mainly dull day, mild but with chilly E. wind which increased to strong to gale from SE. after dark & with falling glass. Planted some things in dry wall of front bank near N. end. Graham's men did not appear to day!

6<sup>th</sup> Dec. 1957. After a wet night, a nice sunny day with clear sky till 4 P.M., but a chilly W. wind.

Spent forenoon planting odd & ends in the dry wall of front bank. In afternoon we went for a walk in the plantation & saw flowers on *Pinguicula lusitanica* by upper road E. of the Glen Burn, as last winter.

The *Saxifraga tridentata* grown from seed brought from Horn Head, W.D., in flower once more & a seedling from its early flowering growing beside the parent-plant.

7<sup>th</sup> Dec. A wild day with gale from SW. after a very wet stormy night. Drizzle blowing in the wind all day but very mild. Planted a few more things in the dry wall of front bank & in afternoon delivered "Horn Country" by E.E. Green & J.H.J. with delivery of R. St. Bage to Mr. Lavin on loan.

Little fat Chalcid taken in burning, Burn window.

8<sup>th</sup> Dec. After a very stormy night, much colder, but mainly dry & glass fell all day. Evening, mainly calm & night mainly calm also, the glass rose rapidly.

9<sup>th</sup> Dec. After a snow-shower at 8.30 A.M., which left the higher hills snow-capped above 2,300 ft., a very cold, dry, sunny day. Wind gentle, NW but dropping about 4 P.M. Received the cordons apple & pear tree orders from Alex. Dickson on.

For details see p. to follow: →



96.

10th Dec. 57. During early morning a SE gale blew up & rain began to fall heavily, before dawn. Gale & rain from SE fell steadily till 3 PM then wind dropped & glass levelled. It remained calm till 6 PM, when glass started down again & the rain & wind turned to become more severe but from SW instead of SE. <sup>See below</sup> At 4 PM. Arrived to see the fall at Bonnard bridge & found it in terrific state - the greatest amount of water I have yet seen & the central rock between the two main falls just above the bridge well covered by water. Graham's men, who yesterday had reconstructed reinforced catches over all the open in the garage & levelled up the valley to take the bull plate, did not appear today.

Later in evening the wind dropped completely & torrential rain fell all night, with wind from S. rising after midnight.

11th Dec. A miserable day after a very wet night: wind light & variable S. W. & at times NE. & on the approach of the last a rain formed & a matted snow drift occurred, making things very unpleasant. Unpacked & "beaked in" the pear & apple cordon received from Alex. Dickson on 9th & then they must stay till the bed on S. side of the garage is ready to receive them. Glass rose at first very steeply from 9 till 11 AM, later slowly & rather undecided. Much snow in Scotland & N. of England in last 24 hours & damage by gale. Some light snow on the higher hills above 2,300 feet the last two days.

97.

12th Dec. 57. A dull, damp, day, with E. N.E. light wind, but no actual rain, after a wet night. Graham's men completed gables & erected the roof skeleton.

13th Dec. Day, cold, calm & with some sun. <sup>(Graham's men completed roof of garage at 11 AM & 1 PM)</sup> 14th Dec. Drier, calmer, calm & with all rain possible, after a hard frost.

15th Dec. My 74th birthday! A bright, sunny, very cold day: windless at first, later with light SW breeze: after a very hard frost, during which both bull-gear in the greenhouse were frozen & not nearly with a skin of ice. In afternoon we walked up the plantation & along the new road E. of Brincliffe which were cut down a few in the boggy area S. & E. of the hill named. This area must have been planted before, but nearly all the trees have died - it is now very barren & is to be replanted soon. Do not Mr. Simpson (local forestry officer) & he showed us trees of Abies notabilis planted 2 at same time as the Scotch Pine among which they are scattered. These having plenty of light now dominate the pines, whereas there is shade as in some cases only 2-3 feet high. The tallest Abies notabilis must be over 30 feet. The unlabeled specimen is from one of the larger trees & can be identified as notabilis by the curved base of the needles, according to Mr. Simpson. N.B. The bog south of Brincliffe contained much Pinguicula lusitanica.



98.

16<sup>th</sup> Dec. 1957. Mainly dull, with varying SW. & E. breezes but strong from E. in afternoon & strong gusts from SE later: only a few drops of rain when winds changed from SW. to E.: mild. Graham's men did not appear to day, nor on Sat. 16<sup>th</sup>.

Seen 1 flower on 21.5.56

While talking to Mr. Crawford today I spotted two flowers of Lesser belandine near the patch of Water mint on N. side of the rose hump at foot of the back garden: they grow in a very sheltered spot under the old hedge & had 7-9 inch stalks: one of the flowers appeared to be cut for several days in all probability. Also the first buds were seen on one of the wallflowers sown in August 1956 growing on S. side of the greenhouse.

17<sup>th</sup> Dec. 1957. An abominable day, with gale from SE. & steady drizzle or rain all day! As no sign of Graham's men since Friday, 13<sup>th</sup>, I wrote a "note" to him & posted it at noon.

18<sup>th</sup> Dec. Cold, with strong SW wind, gale at times & often light rain or heavier showers; clearing & wind dropping in evening. Whether the result of my letter of yesterday or not - five of Graham's men arrived about 10 AM. & worked all day at garage & the tiles for roof arrived in the afternoon. Garden door & window at W. end glazed & ready for painting.

99.

19<sup>th</sup> Dec '57. A very wild day, with at times severe gale from south, but no rain. Graham's (5) men put tiles on roof of garage & pebble-dashed part of outside, as well as bringing in water supply.

20<sup>th</sup> Dec. Drizzle or rain all day & very mild till late afternoon when wind rose & temperature dropped somewhat: wind S.E.W. Graham's men did not appear to day!

21<sup>st</sup> Dec. A fine sunny, coldish day, with strong to gale S. SW wind. Graham's men worked all day (Saturday) & more or less finished the garage, except sliding doorway, W.C. sink, light & the door in screen between house & garage. I put some more "Sulphur" on E. end, & corner of greenhouse. George, Margaret & Lorna arrived for Xmas about 4.30 PM.

22<sup>nd</sup> Dec. Starting on a morning with rain, but clearing with respect. I worked at 1<sup>st</sup> till after midday. The afternoon was very sunny & cold & I went out to see the collection & then on to the hill.

23<sup>rd</sup> Dec. After a very night & morning, "melted snow" started to fall about noon & continued off & on for rest of day. During afternoon it was seen that St. Leonard was more covered than 2, was felt. In afternoon I collected a bag of loam in plantation. Graham's men spent day fixing sliding door to garage & putting "snowcan" on outside of wall.



24<sup>th</sup> Dec 1957. A very fine sunny day, after a slight white frost: little or no wind. Graham's men finished the two doors, & of garage, & left only the connection with W.C. & sink, painting & lighting to be done after Xmas. I sent cheque for £100 (making total paid so far £200) to Mr Graham. After the men left about 3 P.M. I painted the gutter & fascia board along S. side with sideroster in preparation for making bed & planting cordon apple & pear trees obtained from Dickson. Later purchased 3 rolls of plastic cord to fasten the cordon to when planted.

25<sup>th</sup> Dec. After turning mild during the night the day opened fine & very mild, but a colder SW. wind produced a shower & some cloudy spells, but fine sunny periods in between & no further rain before dark. George & family left by car for Ballymore about 3 P.M. & Daisy & I went for a walk in the plantation.

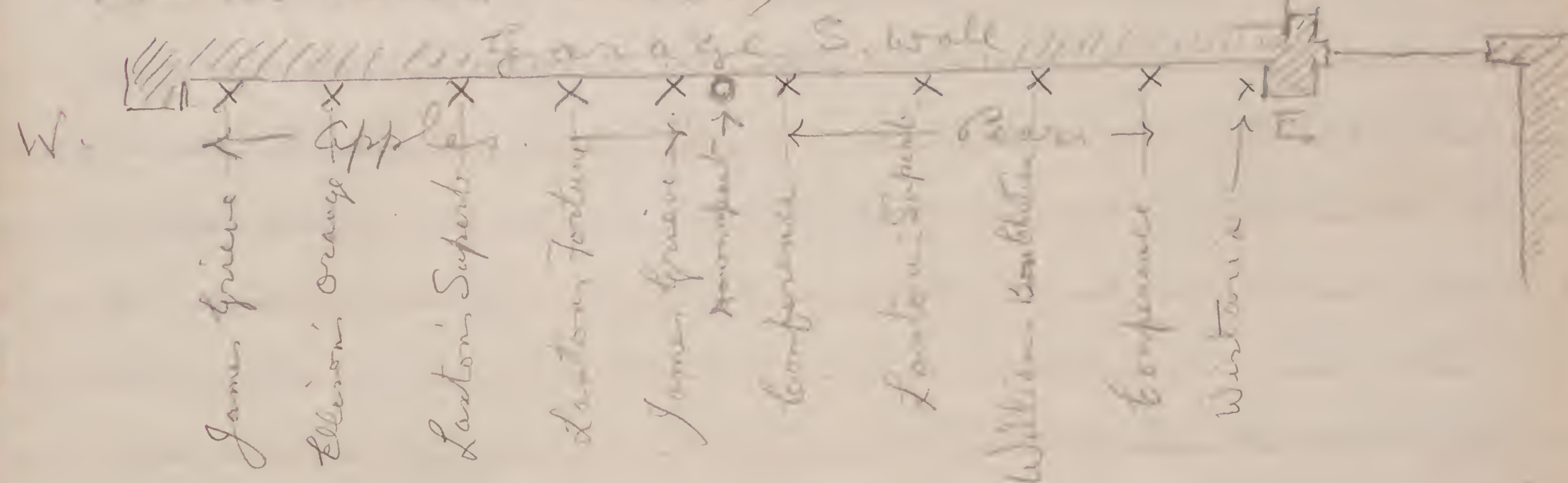
26<sup>th</sup> Dec. A dry day & with some bright periods, but rather strong SW. wind, with many districts in Britain had rain or drizzle. Spent day finishing painting of S. gutter of new garage with Sideroster & then preparing bed for cordon apples & pears. Mild!

27<sup>th</sup> Dec. A nice mild day, with light W. wind, increasing towards evening, with faint mist & drizzle. Completed bed on S. side

27.12.57, cont.

of garage & planted in cordon apple & pear trees as follows: —

From W. towards house (E).



28<sup>th</sup> Dec. A dry day, but with strong SW. wind & much sun, cold. Tidied up the bed on S. side of garage in which the above cordon apple & pear trees planted yesterday & almost finished the filling in (inside the concrete block curb) with soil from the compost heaps. <sup>A 2 Bunches of wintered trees in window in sitting room, sent 29.</sup>

29<sup>th</sup> Dec. A mild day after a mild night - semi-gale from W. all day, but dry till late evening (when slight shower) & much sun early in the day. Sunday & Daisy visiting! In afternoon I walked up the Glen River (Waterfall) & through the plantation E. of it as far as the boundary wall, ca. 550 feet, near the 'Ice House' & house. Gathered the first grass — Poa annua — for Mr. Hubbard in flower on peat-thrown out of one of the new forestry drains, ca. 400 feet, where it was nearly re-planted but more at ca. 500 feet, where it was most likely to have been carried by the workers (?). This = Hubbard No. 1.



30th Dec. 1957. Cold day, SE wind, till 2 P.M. & then a heavy shower & another about 4.15 P.M., but forenoon all sunny & wind not nearly as strong as yesterday. In forenoon started to make path by the turn in back garden from the sedge to garage, i.e. between the clothes line & the turn, using the best soil to put a "top" on the bed S of the garage where the corner apple & pear trees planted on 27th.

In afternoon went to Dorland Nursery & saw Mr Wood & ordered:—

- A *Wisteria* planted at SE. angle of garage.
- Cotoneaster microphylla* <sup>thyrsifolia</sup> planted next Anderson's fence at SE. angle of house.
- Hamamelis mollis* } planted along with border along the turn
- Michauxia ~~bartramia~~ <sup>laevis</sup>* } — back garden between 1st & 2nd loops.
- A white bush rose planted in bed S of garage.
- & 6 more dwarf evergreen *Agaves* to form shelter for the *Sax. cernua* & *Primula scotica*, etc., planted in an irregular row between the gingko & *Sax. cernua* etc. as follows: S.E. to N.W. 1. Blaauw's Banks 2. Hatsugiri 3. Schubert; 4. Helios; 5. Kokenchita; 6. Symphony.

At 5.45 saw the Russian "Sputnik 2" pass right across the zenith from about Shier's Cornedale north-eastwards; it appeared much the same as the "rocket" seen on 22nd Nov.

31st Dec. 1957. Entirely wet from before dawn with strong to gale gusty S.W. wind till 1 P.M. then a N.E. draught & anticyclonic "boiling" clouds seen over the sea on the N.E. met the S.W. wind. Very mild all day & in afternoon windless & very wet. The plants ordered from Dorland nursery yesterday delivered at 2 P.M. & in spite of rain & wet ground I had all planted by 4.30 P.M. for details see opposite page.

The rain continued all night & until about 6 A.M. on 1st Jan. falling as snow and ice & on the hills.

So ended 1957!



1958.

1<sup>st</sup> January 1958. A dry, cold day, with light N.E. wind & some blue sky in afternoon, after 2.30 pm heavy rain, which fell in snow on the hills above about 1500 feet. Continued path by the burn W. of garage in back garden & filled the rose bed on its S. side with the best of the soil excavated.

2<sup>nd</sup> Jan. A bitter day, dry, with some gale from E. all day & temperature about -40°F. Graham, man has not returned to finish work since 24<sup>th</sup> Dec.

3<sup>rd</sup> Jan. A dry, cold, but very sunny day, with wind more SE & lighter than yesterday & dropping in late evening. Graham man (3) turned up today & fixed doors W. & screen door from house to yard, did some painting & other jobs. I continued to "excavate" path by the burn on 1<sup>st</sup> & 2<sup>nd</sup> Jan.

4<sup>th</sup> Jan. Milder, with hills shrouded in wet mist all day, after some rain about 3 AM. Wind light, southerly, glass falling steeply & drizzle & strong S. wind in evening, but wind dropped to calm about 8 AM. In afternoon J.M.K. Moon came to discuss plans for coming to Larne when we are there next summer. Graham man (2+1) working all day at garage & brought lead to garage for 2 lights (electric) there.

5<sup>th</sup> Jan. 58. A dry, sunny, day, with very cold westerly wind of, at times, almost gale force, with rising glass after a wet stormy (E.W.) night. Sunday.

Two Winter Aconite flowers, virtually out & buds showing on Scilla & Snowdrops in Daisy's patch of hills in rock garden & on giant Snowdrops brought from Dublin & now W. of greenhouse. In afternoon Daisy & I had walk in Donard plantation. The Christmas Cactus (*Zygocactus* sp.) which this year is some 20 flowers back on it in various stages opened its first flower on 27<sup>th</sup> Dec. & the second flower starting to open today while some are only just appearing, so size 7, & about same stage as the first early last October (1).

6<sup>th</sup> Jan. Another wild day with southerly gale & heavy sleet shower (snow on St. Donard above 2,000 feet) after a very wet night - front avenue flooded near gate at 8 AM. Temperature moderate but wind very cold in afternoon. During forenoon moved house, quite warm sunshine! Graham man finished the garage including painting inside of doors, erecting shelving for tools &c., fixing hook & pulley for clothes line & locking up door to garden between garage & house, too time to downspout, &c.

7<sup>th</sup> Jan. A bright, cold day, no rain but fresh W. wind. Transferred all the mail & seed potatoes to the new shelves in the garage & also cut the lawn grass in front & behind the house!



8<sup>th</sup> Jan 1958. A nice mild morning with sun & light W. wind, but this turned S.E. & glass started to drop & wind rose almost to gale with heavy rain all afternoon & evening.

J. S. Standell called & spent afternoon with me & left by 6.15 P.M. then to return to Belfast, but will arrive on Monday afternoon to spend night before returning to England (Godalming & Surrey).

9<sup>th</sup> Jan 58. A mild day, after a still milder night, but few showers & these light & short. Damage by the storm widespread throughout northern Britain & Western, but we suffered no damage & the "rylgles" seems to have saved the greenhouse from further damage.

10<sup>th</sup> Jan. After heavy rain at night rain continued till 12 Noon with glass falling from 29.2 at midnight to 28.8 at 11.30 A.M. The waterfalls all very full & between noon & 1 P.M. I walked over to see the Lorne Falls & up path on E. side & home by upper road. Afternoon fine, but gale returned in evening. Heard from Miss Robertson of Ben Larn Hotel that she had booked us for a room (No 9) from 27<sup>th</sup> June till 17<sup>th</sup> July next.

11<sup>th</sup> Jan. A bright cold day, with W. wind & much sun, but a very heavy shower of sleet about 10 A.M. left the hills & snow-covered above 1,000 feet.

12<sup>th</sup> Jan '58. We awoke this morning to find the hills covered lightly with snow down to 500 feet & some frozen slush on roads & gardens, which & further heavy snow & sleet shower about 9 A.M. rain was, but later the day was fine with pale brown sun & blue sky. The sun today only just dipped behind the top of Thomas before passing behind Slieve Donard but was again seen from the Dorset <sup>at 2.15 P.M.</sup> mountain shining on the soil between Dorset & Donardagh. In the afternoon Daisy & I walked via Bryansford Road to The Priests Bridge over R. Liffey (where Tollymore Park) & home by Tollymore Park Lane - so till 3.15 P.M. Near Hazel & others have built out on a tree at NE corner of The Priests Bridge & covered by the Tollymore Park area "Outspan" cottage, but no garden flowers seen on the latter & the former not accessible. Part of the most common observation is a miserable bunch of Salix virens by one corner where it runs under Bryansford Road & at SW. angle of the bridge; this bunch has one large & rather well out & several small out: it gives an idea but almost empty shade & is a very poor specimen.

In the garden the Winter Aconite has seven flowers & the Hoop Paterost Diffodil (bulbocodium), which did not flower last year, has one now flowered on it!



108.

13<sup>th</sup> Jan '58. After a very hard frost, with both squares inside the greenhouse ice-covered, a most perfect forenoon, no wind & some sun. Mild air & with them came in the afternoon. J. G. S. Steadell arrived at 4.15 PM. to stay the night, but had to leave by 8.35 for Belfast on hearing that his daughter, Nora, had been taken ill & removed to hospital in London.

14<sup>th</sup> Jan. Very mild & misty, with drizzle on the hills.

15<sup>th</sup> Jan. Similar to yesterday, but drier, with wet mist at times & no real sun. Wind very light, SW. Another Lesser Calandine - near front gate - by the burn with bud ready to open. A Cowslip with flower spikes just open in back garden & *Asperula Beggiana* with flowers open also, a wall by a wallflower by greenhouse.

Sowed some seeds of *Viola alpinus* (2), given me some months ago by Mr. Wood, in seed pan in greenhouse & covered same with polythene.

16<sup>th</sup> Jan. A very lovely day here & much warm sun, very mild, but inland much "hill fog" must have covered the sun. Weeding in forenoon; in afternoon Daisy & I walked up through the Donard plantation, E. of the waterfall, over the boundary wall & up the tributary to "the Black Stairs", as far as the bottom of the gully down which the burn plunges, just W. of Thomas Mt. & home by same route. Another plant of Calandine with several flowers by the burn in back garden.

109.

17<sup>th</sup> Jan. '58. Much colder, but a bright sunny day, dry here, with moderate, cold, W. NW. wind. Removed the late potatoes from slaps to garage, some of Kerm's Pink had sprouted, but Golden Wonder & nearly all the "Blues" without sprouts; only about 6 had ones & these all Kerm's Pink. Transplanted the Orange *Buddelia* to W. corner (angle) of new shed on N. side of Anderson's garage & began new path which is to run along side Anderson's fence.

18<sup>th</sup> Jan. After a gale at night, a fair period in forenoon, with sun, but later with wind & drop in glass after a pause & some short showers ahead - more squalls with rain falling in the wind for rest of the day. Some of the gusts very severe! Much colder in evening the morning & snow already falling in N. Scotland forecast for next week during next few days. Yellow crocuses (B. & G.) out in the main nursery garden (front) in Slieve Donard Park, but ours with only nose showing!

19<sup>th</sup> Jan. After heavy fall of snow, with NW gale, during the night, a bright very cold day with no thaw & fresh NW wind. The snow very dry & powdery, so that the wind blew it about in clouds & in the afternoon we saw the summit of Shinn Carradagh attended by a plume much as generally appears in photos of Mt. Everest. <sup>many hundreds of probably thousands of "Thrushes" seen</sup> <sup>morning, S. along road between 8 & 9 AM.</sup>

20<sup>th</sup> Jan. After more snow in the early hours, a lovely sunny day with really warm sun, except for one snow shower about 9 AM. Many extra birds about, including "Thrushes" & at least one Titmouse in garden most of the day at Lolly house.



21<sup>st</sup> January 1958. A very cold day with NW light breeze, but all sunny after 10 A.M. & quite warm sun too. No further snow fell during night, but there was a very hard frost & aquaria in greenhouse had about  $\frac{1}{2}$ " of ice on them today, while only a "skin" yesterday. No thaw in shade all day!

Back garden full of birds & today many Fieldfare & some Redwings, as well as Turtle Thrushes & Song Thrushes, only a few Blackbirds in garden, but the conifer plantation full of them scratching amongst the pine needles when we passed through them on our afternoon walk.

Moved the early potatoes (for eating) from the greenhouse into the new empty coal-house under the stairs!

22<sup>nd</sup> Jan. Harder frost at night than even & no more snow! Sun not so hot as yesterday & more clouds, & hence a colder day. A Sky-lark of sorts seen all day around food put out for the local birds. Otherwise no new species seen.

23<sup>rd</sup> Jan. Similar hard frost & clear sky & virtually all sunny & yet no thaw except in very sheltered sunny spots. In forenoon we walked through the plantation eastward till we overlooked the Bloody Bridge. Saw large rafts of Scoters on the water off the harbour which a local man called "Shell ducks" & said they were

24<sup>th</sup> Jan. 58. After a further fall of several inches of snow during the night, a very nice almost windless day, with warm sun in forenoon, but getting cloudy by 4 P.M. & E. wind rising & temperature increasing by 7 P.M. with outdoor wet weather forecast for tomorrow & Sunday.

25<sup>th</sup> Jan. Rain, gale (SE) & thaw all night, so that by daylight snow all gone on low ground except a few of the higher drifts. Floods everywhere & our ice burn was inches higher than we have previously seen it & over the path in several places by up to 6 inches after Taggart's men had cleared some refuse from the west field side of the 'bridge' though which the burn enters the boundary ditch at NW corner of our plot.

In afternoon rain ceased & Daisy & I went to see the Edward falls, which were the fullest I have seen & a really fine sight. We went up the path on E. side of the falls & home by the upper road. Gale & more rain came on later & very rough from 5 P.M. till bedtime.

26<sup>th</sup> Jan (Sunday) After further very heavy rain at night & S.E. gale a comparatively calm day with some drizzle & continuing sea & hill fog. In afternoon blue sky seen over Loughmashard, but wind E. in Newcastle & W. at Loughmashard & so in between. In afternoon Daisy & I walked through the plantation & up the new road they are making from the shepherd cottage to the main gate leading to the moor at SW end of the plantation. Mild, but E. wind much colder than W. & hence rain & drizzle.



27th Jan 58. Gale (severe) from S. S. E. all day!  
Very mild & damp, with light drizzle or rain at times!  
Ordered £2 of *Azaleas* (hardy & dwarf) from Outwell  
Bull Co. Ltd. Outwell, near Wisbech, Cambs.

28th Jan. After a windy night & a damp misty, mild,  
morning, it cleared & became colder in late afternoon  
& a clear starry night followed, with ground frost forecast  
for sheltered places! Built steps down to the burn at

W. end of the garage. Hazel & *Salix* ripe by burn, frosty ground.  
29th Jan. A very nice dry day with light S.W. or no wind  
& considerable hot sun in forenoon. In rock garden  
bearing little yellow *Crocus*, *Scilla* & 2 common *Scorillia*  
in flower. near *Raspberries* 2 great *Saxifrage* out &  
many new flowers on the *Calandula* by the burn since the  
snow melted. *Erica carnea*, *Lamium galeobdolon*,  
*Saxifrage* *tridactylites*, *antheris* (*notula*?) continue to  
flower as they have done for last 2 or 3 months. Finished  
"drain" & "firebreak" round garage (S. + W. sides) & began  
sodding bare patches by clothes line & laying a curb  
of concrete blocks parallel to the burn along the  
clothes line. One wallflower, sown Aug. 1956 now in flower.

On this day the sun was not "assaulted" by *Shani*  
*Rosard* as it moved westwards in the afternoon.

30th Jan 58. A very beautiful morning, with light  
variable breeze & really warm sun. Continued work along  
clothes line by the burn & in afternoon tracing & sodding  
up the plantation almost to top just E. of the Glen River  
to gather firewood.

31st Jan. A dry windy day, with not much sun after 12 noon.  
While London & midlands of England blacked out by dense  
fog! Finished work to lower near clothes line & ready  
for sodding along it beneath line.

1st Feb. A dull day, with drizzle in afternoon, after a stormy night,  
gale continued till early afternoon, then milder & wind dropping  
to gentle drizzle again. Spent forenoon & late afternoon  
sodding strips between clothes line & curb.

2nd Feb. Dull & drizzly all day & very mild: mostly "Sectal Mist"!  
In afternoon raining & I walked up to the "top heap" by the Tollymore  
Burn at W. end of the Belfast Water Works tunnel & then, at last,  
a bag of fine stone chips for the small alpine. Finished Morrison of  
Green Union. called later with our riding tickets & berth tickets  
for our holiday in Scotland next June - July, cost 32/6.

In forenoon I transplanted the smaller *Juniper* (*Præzeris*) from  
rock garden behind the house to the new bank along T. Road  
in front. Also planted out *Byrrh* & *retandifolia* (beneath *Salix* by the burn),  
*Carex acutifolia* (on S. side of the burn just W. of first loop) & *Arctostaphylos*  
*uva-ursi* from *Lyons* Hall, Ayr. (a border just E. of first loop of burn)  
in back garden. These plants had been in pots since their arrival.



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3rd Feb. 1958. A dull almost windless day, cold in morning, after almost frost, but much milder in afternoon. Mist formed on the hills as a warmer moist breeze came from SW. In afternoon the hills were still cold after the frost of two weeks ago. Small patches of snow still remain & the long drift on N. face of the ridge between Shire no maddy & Shire Shire still quite extensive & must have been very deep, caused no doubt by the dry snow blowing off the higher ground & settling on the lee side of the ridge on 19th & 20th January.

Received & planted along the front back to road 18 nice little *Azalea* plants, which I ordered by post on 27th Jan. Jan. Centwell Bulb Co. Ltd. near Winkfield, Bucks.

They are well rooted little plants from 6 to 9 inches in height above ground. [Three were killed by 3 weeks' freezing in March, but I think all will live. All are same colour! A.W.S. 12/5/58]

4th Feb. A very wild, mild, day, with falling glass. Gale all day, with rain occasionally blowing in the SW wind, & a heavy squall with rain passed at 3.15 PM.

5th Feb. A dry, cold, mild, dull day, after a clearing, stormy night. Very cold W-NW wind till 4 P.M., then calm. Some sun in forenoon, but none later, sky clearing from NW at sunset.

6th Feb. After a hard frost, a bright sunny, very cold day with light W-NW breeze. Heavy frost or light snow (?) on all the hills above 1700 feet. Trimmed the sides of the burn from front gate half way to garage & burnt trimmings.

Azaleas in front garden

removed to NW bed on 24/1/58

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7th Feb. 58. A very cold day after hard frost & both squalls in greenhouse coming with per. of ice. Wind strong, about freezing point, from east. Light snow began to fall at 4 P.M. & continued off & on for a couple of hours, but a thaw began about 10.30 P.M., followed by rain.

8th Feb. - so that by dawn most of the snow had gone from the garden, but what remained then did not melt all day, in spite of much sun after 10 A.M. Wind strong SW-NW & very cold.

9th Feb. A calm night, cold but not freezing here, followed by a warm frost & mowing-drops all day, which lay on snow inland & on the hills but down here melted as it fell, though patches of previous snow still lay in the garden & the ground at 4 P.M. still hard! In forenoon the wind increased to strong from E but in afternoon dropped to calm. Two rats seen in afternoon, one climbing up cordon apple & walking along one of the strainers to get at the coconut hung up for the Tit, so set trap by the burn in front garden.

10th Feb. Gale & rain from SE all day: melted.

11th Feb. Very mild & only occasional drizzle & so quite a good day by recent standards. The gale had abated by dawn & the afternoon & evening windless. Garden very wet. Great show of Aurora last night reported to have interrupted wireless communication all over the world but clouds made it impossible to see it here.



12<sup>th</sup> Feb. 1956. Much colder than yesterday & a heavy shower about 4 AM. with strong W. wind left fresh snow on Slieve Donard above about 2,000 feet, covering the patches of 6 previous days ago. Nevertheless a very nice day on the whole & much sun from 10 AM. till 3.30 PM. Then a shower of "melted snow" passed over & another stiff later. In early afternoon I cut the first lawn for the first time since winter. Tried to stop two gaps in N hedge near front-gate with thorn plants from back of the burn near garage in forenoon. Later moved two of Bramble's Lilies (*Lilium stylorum*? another species) from E. end of rock-garden near S.W. corner of house to rock border between 1st & 2nd loop of the burn in back garden. Left one piece of non-stylorum behind.

13<sup>th</sup> Feb. Starting rather cold & blustering after a dry windy (S.) night, the morning was sunny, but afternoon turned cloudy, windless & very mild, but a warm front approached from S.W. & rain began to fall about 7 P.M. with gusts of wind from S. or S.E.

14<sup>th</sup> Feb. Very mild - almost warm - after a wet mild night. Dense belt of fog till 10 AM then a SW breeze cleared the fog & a nice sunny spring day, except for showers at 2 PM. More cloudy later & rain in late evening. In afternoon Daisy & I walked round Tollymore Park via Burnagehard Lodge & The Priests Bridge & on the way back I called at The Donard nursery & bought another plant of *Oberonia semidentata* to replace that bought on 7/11/57, which was killed by subsequent snow, also bought

a plant of *Lyalea portia* to go in triangle by the burn just W. of the cattle line post, where path from back lawn joins that along the burn. In the nursery saw *Tunilago parviflora* (Bolt/foot) in flower near gate. (NB. gone on 16/2/58 when we found the gate!).

As we passed the Burnagehard vegetable garden (i.e. on road above & W. of the house & separated from the garden by a hedge & steep downward slope of 8 or 10 feet into the garden) I spotted a fully grown specimen of the slug *Milaxa graecula* in the middle of the turned road: possibly the slug had its origin in the garden & after the very wet night was taking a stroll. Even after the warm night's rain many small snow patches still on N slope of Slieve Donard & some even on N face of Shaneshan under 2,000 feet.

15<sup>th</sup> Feb. After a dry night a drizzle started before 9 AM. & continued all day. Very mild still! In forenoon planted the *Oberonia semidentata* <sup>did July '56</sup> & *Lyalea portia* which I purchased at the Donard nursery yesterday. Very few snow patches left on St. Donard & none to be seen from house <sup>but not today</sup> on Shaneshan.

16<sup>th</sup> Feb. A dry day with keen W. NW breeze, dying away about 4 PM. but rising & fresh in late evening. In afternoon Daisy & I walked to Tollymore Park via Burnagehard Road & the Priests Bridge, as far as the sawmill & thence back via Burnagehard entrance. Still patches of snow on N. face of St. Donard & St. Donadagh (above Polgarra) & two very small patches on Shaneshan (not visible from our house!)



17<sup>th</sup> Feb. 58. A cold, windy day, very much in shelter & sun, but little in shade & wind (NW-N) & a cloud gathered over St. Bernard in afternoon & cut off sun. Wind dropped about 4 P.M. but rose again in evening & glass rising for several days & an anticyclone said to be approaching for Iceland region. Frost last night, but very light here.

Still a few patches of snow on N. face of St. Bernard & then only visible from here.

18<sup>th</sup> Feb. Mainly cloudy, with cold W-NW wind, after a frosty night. Slight sheffs of melted snow in afternoon, when somewhat milder. In afternoon I walked to top of Grimshilly, 510 ft., above, & back at 4 P.M. Waterfalls & trickles on upper hills all frozen & the rocks above & N.E. of the Eagle Rock quite white with ice.

19<sup>th</sup> Feb. Milder! Cloudy, with strong W-NW gale, some sheffs of rain & an actual shower at 3 P.M. In afternoon I walked along up E. side of Donard Falls to the vent shaft of the Belfast waterworks tunnel, over the wall, onto the moor near the "ice house" & up to foot of the "Black Stair"; then E. over the N. face of Thomas, down to wall, over same & back to vent shaft & home. Very rough, black snow above a certain height on N. face of Thomas, with shallow troughs

parallel to contours (not visible from below!) suggesting "slips", but in my opinion there & the snow more likely to mark the upper limit of the last ice sheet & channels cut between the ice face & the hillsides, otherwise what stopped the great block from falling down the steep slope & coming to rest nearer the bottom is a fact ("subsequent to melting of this sheet") has done. Various "lager platzen" seen except these big snow where the sheep take shelter, but no grazing. Calluna very tall & old dominates the scene & no plants of interest seen & no *Filix* fern, but many moss filled hollows. The enclosed specimen taken from one of these hollows between two blocks.

First flower open on *Sax. appiculata* in rock garden & several buds of *Sax. app.* now purple on the small form from Beneragh.

20<sup>th</sup> Feb. Mainly mild, windy (W.) & showery - heavy at times. Could do no work in garden. Walk in afternoon in the plantation. Spent an hour (1.30 - 5 P.M.) with Mr. Macdonald, Hunt. Slieve Moynan Pt.

21<sup>st</sup> Rain started to fall heavily with strong W. wind about 5 A.M. & this continued till about 2 P.M. Rain became very light but wind still very strong: the wind dropped about 5 P.M. but rain came on again later. Mild, but "cold frost" promised for the night & tomorrow. In afternoon Daisy & I walked to the Harbour through Donard Lodge plantation & home via "The Front".



22<sup>nd</sup> Feb. '58. A brilliant night with steady, heavy rain which fell in snow above 500 feet, followed by drizzle & melted snow all day, but the snow on hills by dark & temperature rising & wind veering from SE to SW & rising somewhat in afternoon & then falling light towards bedtime. A wretched day!

Two flowers open on the small form of *Sax. oppositifolia* from Beneranagh, facing Anderson's house in rock garden.

23<sup>rd</sup> Feb. (Sunday). A very nice, mild, mainly sunny day, with light westerly breeze; cloudy from 3 PM, wind dropping at 4 PM. & hills then covered by hill-fog.

Snow almost all vanished during the night & by 10 AM. the only patches left were above & east of the Eagle's Rock on Slieve Donard, a few tiny patches on N. face of Sheshin, & a great drift facing north above Polgarra on Slieve Donard.

In afternoon Daisy & I walked to Bannahugh & home through Tollymore Park, via "Raggy's Road". Two flowers out on Bannahugh *Sax. oppos.* & that from Bannahugh, W.G., just out.

*Chionodoxa* just out in Daisy's bulb patch in rock garden.

24<sup>th</sup> Feb. The day opened dry with much haze & E. wind, a drip (melted snow) started about 10 AM & soon turned to heavy rain & sleet with strong NE wind which continued all day, though wind dropped in evening. One of the worst days of the winter so far.

25<sup>th</sup> Feb. '58. By dawn snow covered all the hills down to 500 feet or lower, but mainly clear sky & light NW wind, very cold. A heavy snow shower at 8.30 AM. which lasted half an hour, whitened everything, but the tarred road. This was followed by rain which almost continued till "morning", now about 10 PM, when rain dipped behind Sheshin from us & snow on background all gone, but above 2,000 feet the big hills very white & Slieve Donard a beautiful sight in the afternoon sun from the plantation. Some frost forecast for most parts of Central Isles & Glen rose sharply all day, in an anticyclone approached from NNW (Scotland). Very heavy falls of snow all over England yesterday, last night & to day!

26<sup>th</sup> Feb. After a hard frost & clear night, a cold sunny forenoon like yesterday; much milder & all cloudy in afternoon but dry. Hills above 1,000 feet still snow covered, but not quite so white as they were yesterday.

27<sup>th</sup> Feb. A dry day, after a dry night, no frost, but entirely cloudy, hills, but wind W. & chilly. Planted rows of *Geranium* cuttings got from Mr. M. Neill in rows next big compost heap at foot of back garden. *Sax. apiculata* in flower on front bank in front garden, into which I moved the large plant of *Prunella*, little upright *Juniper* from the rock garden to balance the smaller above, replanted there. Snow nearly gone from the hills, but the big drift above Polgarra on N. face of Slieve Donard one more very conspicuous & much still at top of some E. of the Eagle's Rock on Donard.



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28th Feb. 1958. After a dull day, night & no frost, wind from SE blew up about 8 AM & drizzle soon became heavy & lasted till 2 P.M., the fine, with hill-fog above 2,000 feet, till nearly 5 P.M. when wind shifted back to SW. Backed to SE & we had half an hour's drizzle, before wind went SW once more & later dropped. Air mild, but wind cold as if coming over snow & the drizzle suggested melted snow, but no snow visible on the hills though summits obscured all day by mist.

Got new "Kotex" boots - mailed to my orders with my needs - cost £6.2.6!!! Hope these will bring me up Ben Lomond next June! Anyhow I suspect there will be the last boots I will require!!

1st March '58. A calm day, cloudy in forenoon with W.-N. conflicting winds, N in afternoon with clearing, snow & a nice starry night by 8 P.M. Mild in forenoon, much colder later & rising wind towards bedtime. Transplanted clump of last year seedling Sweet William to the sloven line curb in back garden & front bank in front garden.

2nd March (Sunday). A most perfect day with cloudy & very gentle easterly breeze - little mist on the higher hills in afternoon, otherwise all sunny. *Salix cinerea* ♀ at foot of Anderson's garden in flower & about 1000 *Berberis lucorum* ♀♀ seen at it, crossing our garden & one swimming herself in the wazzy.

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Honey Bee, also active & seen on *Thalictrum* & *Linaria*. In afternoon Daisy & I (for my new book) walked through the plantation & up by the Glen River & on the style near the Ice House & then went across the moor S. of Drumallick & home via the iron gate & down past the shepherd's house through the plantation - a walk of about 2 hours & 40 minutes. A few small snow patches remain on N. face of St. Bonnach, as well as on Polgarnie or St. Bonnach. While the long drift on the N. face of the latter is still a conspicuous part of the scenery, though now not continuous, but split up into several small drifts.

3rd March. Another dry day, but mainly dull & with a fairly strong on shore (E) breeze, the day was cooler than yesterday, except in perfect shelter at foot of the back garden. No Bumble seen or heard today! Erected iron bracket to hold the coconut for the Tits on W. buttress of the garage. Transplanted four seedlings *Betula tomentosa* brought from Dublin garden, the offspring of a tree planted there by our boy Hugh about a year before he died, i.e. about 1931. Having I wanted several trees, as food for saw fly larvae he brought home seedlings of various trees & put them in his little patch of a garden, including the Birch. In afternoon made trenches & prepared plot for Daisy's Sweet Pea, Runner Beans & Shallots. Miss Olive Murray brought us a crown of Rhubarb she got from Mr. Black & I planted it by the mint near Anderson's fence at foot of back garden.

Snow drift on St. Bonnach same as yesterday after cold clear night.



4th March 1958 Another mild dry day with hot sun in forenoon, but cloudy in afternoon with almost gale for SW. in evening. Cleared up the back of the barn from garage to the lyche portico at W. end of cloths line before dinner. Later had bonfire & cut front lawn.

Doing work in back garden heard several Bumble Bees. None seen or heard yesterday nor today by me, but I was not in the right places.

Only very little patch of snow left on N. face of St. Leonard's. 5th March. After a dry night drizzle started about 8.30 AM. followed by a very heavy half-hour's rain & sleet. Much colder than yesterday & very little sun; several slight showers or squalls later, with wind veering from W. to NW about 5 PM. & the sky cleared.

Feed the Haliae expense for the first time this year & a few of the H. nemoralis. Snow on Comandagh now quite gone.

6th March. A very cold day in spite of sun, with strong NW. wind & more showers. Snow on hills above 1500 ft by breakfast time. About 8 PM. snow fell heavily for short time & lay about an inch over everything. Windy frost-bank in forenoon & trimmed back of the barn in afternoon.

7th March. More more showers of fall during the night & all very white by morning, but the day all sunny & so the snow in garden all gone by noon & soil workable.

by the afternoon, Ben & Daisy looked the entire wide border & ridge ready for putting in potatoes when the season permits. I continued showing detail by the turn of branch & dead grass & took another bonfire.

5th March. Snow showers during the night again continued today - they lay down, but hot sun soon cleared them from the garden & roads. The day though very cold was bright & sunny & no more fell here though showers were seen around & especially to the west & over the sea. Wind very cold, N-NW.

9th March. Again snow at night covered everything by dawn & as yesterday hot sun soon melted it except in shade where it lay in small patches all day. As yesterday both water-tubs by the greenhouse were frozen over, but unlike yesterday as that which got full one at 5 PM. corner melted.

In forenoon, Dick & Daisy were at church, I walked up to the stile by the Llyn River, crossed the river & came home via the big quarry & the plantation. The waterfalls at top of the quarry appeared completely frozen, but I could hear the water falling behind the ice.

As we expected the possibility of visitors - she did not come - we did not go out in the afternoon as usual.

10th March. After several showers of snow during the night, a similar sunny day to 8th & 9th but less wind & warmer sun.

Spent forenoon clearing up side of the barn in the luggery. Snow shown at 5 till 5.30 PM. Burnt most of the trimmings for the barn in afternoon. No Bumble Bees seen today nor since 4th March.

Seedlings of Lactuca maritima, & Viola ciliolata in pots under polythene up in greenhouse; the former from Loughborough, Shropshire, the latter from Mr. Whall, Boreham.



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11<sup>th</sup> March 1958. A very cold day, after a hard frost, with snow showers at 11 AM & in evening. More cloudy than previous day & very little wind machine to cover things up. Could do nothing in garden. Prepared box of specimens of *Hedysarum* species of *Helianthus* to send Mrs. Fisher of Vienna & typed my report on same & *Hedysarum* Bell.

12<sup>th</sup> March. After a dry, calm & frosty night & strong SE wind rose & shortly snow began to fall at 5 AM. & continued until about midday, when wind fell & veered to SW W.

The afternoon was dry & cold & we walked via the Hill along Kilmahon road & home through the Plantations.

Posted *Hedysarum* & other specimens of *Helianthus* to Dr. Mrs. Fisher of Vienna - by post 4/2.

The sheet which fell here was snow over 1000 ft, but comparatively mild at our level & a very nice cold afternoon.

13<sup>th</sup> March. A very nice day after a dry night. Cold, but mainly windless (W) & with much quite warm sun. Cleared more of the long grass, S.E. from back of the house in the wiggly & later burnt it. In afternoon we went up the Plantations & collected cones, etc. Frost promised for tonight once more.

Above the Plantations, say 700 ft., the hills well covered with snow & apparently very thick on the east between Slieve Donard & St. Bernard's. Some snow also appeared evenly clothed in deep snow for the first time recently.

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14<sup>th</sup> March 1958. After a dry night a gale from SE. with rain about 2 AM & all day a cold gale blew from the quarter or even more E. Gale continued all afternoon & evening with smoke haze on everything, but no snow fall before midnight.

15<sup>th</sup> March. Rain, with SE gale, commenced in the early hours of the morning & continued till after midday, though no fall in glass since yesterday. Gale continued from SE till 11 P.M. then dropped suddenly, after further rain.

16<sup>th</sup> March. A dry day with strong cold SE-E wind in forenoon, less windy in afternoon, but wind again rising to a gale at 7 P.M. with a few drops of rain.

Plenty of snow still on hills between 1500 ft & 2,000, but hills shrouded in smoke haze all day & usually invisible above 1500 ft. In afternoon we walked up through the plantations & inspected the new road W. of Drumahilly as far as it is made then cut up a path which led into the boundary wall about 85 yds into E. of the main gate & returned by a path skirting NW end of Drumahilly. Took specimen of eroded snow, in fact, on very low.

17<sup>th</sup> March. Another cold, dry, day with the same constant semi-gale, but more NE today & thinner clouds & with NE instead of SE wind very little smoke haze. Saw "cleaning" from the drain in the wiggly in forenoon & as end of the plantation & collected boggots in the afternoon. No change in snow on the hills.



18<sup>th</sup> - 20<sup>th</sup> March 1958. Three similar days, very cold with NE. wind, & for drifts of light sleet, snow, but otherwise dry. Little change in situation in woods, snow on the higher hills, but there must be some form of evaporation going on & a more "black" patches with on 20<sup>th</sup> than earlier in the week. Although well below the snow-line the waterfalls at the quarry on N. face of Thores & at the Black Stair seem still covered by rindles of ice. On 19<sup>th</sup> Daisy found her first den of pines & a line of Sweet Pines along Anderson's garage in the new bed where the "igloo" was. Continued the path by the burn W. of the garage & downed the road in centre of garden below the upper path. Planted two lupines with some by the burn today?

21<sup>st</sup> March. Another bitterly cold day, dry, with strong NE. wind, backing SE. in evening, & cloud drift nearly S. Glass falling a little from 30.4 & perhaps looking like a change. Very little sun today. Ordered some more Azaleas, etc. from Byron Bell nurseries, Horsham-on-the-Hill & from Hornbrook Nurseries, <sup>Revised</sup> 2/4/58 Horsham, Sussex. for with for former & 28/- from latter including carriage. A little more snow gone from hills but ice still on waterfalls & really little change. Continued work on path by the burn W. of garage.

22<sup>nd</sup> March 1958. An windy & cold & rain & gale increased in evening to severe. Very little sun & more after noon & low cloud & smoke haze, with E. SE. gale. Glass falling gently all day.

Finished rough work on path by the burn W. of garage but much remains to be done before final appearance of it is attained. The Primrose brought from Tollymore Park last year & planted on the island in 2<sup>nd</sup> loop of the burn in back garden with first flower open.

23<sup>rd</sup> March. Sunday. Similar to last few days, with smoke haze cutting off nearly all heat - even the sun is out. Snow situation on the hills, same as yesterday. In afternoon Daisy & I walked via the Shepherd's cottage in the plantations, across the Tollymore Park Burn, Carraghend, & up to the Drive in Tollymore Park & home via Peggies Pad & Carraghend Lodge. Tried to clear the edge of the pool in the side where I took *Salix atrocinerea* & *Quercus robur* on 6<sup>th</sup> Oct. '57, which had been virtually blocked with cut large branches following the thinning of the part of the plantation & work after I took the *Salix*, etc.

24<sup>th</sup> March. On this day in the forenoon Margaret (George's wife) gave birth to a baby boy in the forenoon. Daisy went up to Belfast in 12.40 bus & George drove her & Dara, our granddaughter, back



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to remain in afternoon. Dora is to stay here with us till Margaret returns home, probably on 31 April (but actually on 30th March).

A very wretched day with E. semi-gale & sleet from shortly after noon till dark, on approach of milder air from the Atlantic. A little fresh snow fell on the hills, but none here.

Called at the Leonard nursery & ordered a sack of peat, 4 *Cyclamen orbiculatus*, 1 *Scilla* *brunifolia*, 1 *Saxifraga zinkbairni* (pink), 2 *Erica carnea* in front of Agalea & SE. of seat } by W. J. P. H. }  
2 *Erica medeolensis* in front of Agalea & NW of seat } for medicinal } to the house }

25th March. Almost mild & although wind still E. not so strong as recently & calm in evening: very damp & misty all day!

In afternoon planted the plants got yesterday from Leonard nursery as follows: — The *Scilla*, *Saxifraga* & *Cyclamen* in the border facing the house in back garden & between the first & second Coop.

The *Ericas* in front of the Agalea above the Scottish plants in 12" pots, as indicated below & on chart p. <sup>antea</sup>.  
A few seeds of *Lathyrus maritimus* from Glashigh, S. Kerry in pot in greenhouse have germinated. Also seeds of *Viola alpinus* given me by M. Wood.

26th March '58. More or less like yesterday, everything shrouded in a p.m. cold, "sea-mist" or "hill fog", with NE breeze, light. Heavy rain only in forenoon, which gradually became a stormy day but without sleet, cold & very damp.

27th March. Still chilly with E. breeze & sea & hill fog obscuring everything above a few hundred feet, but late in afternoon the E. breeze dropped & a soft W. air prevailed & temperatures rose considerably, but by 5 P.M. it was back to E. & colder once more. Through some drizzle fell during the night & nearly morning none occurred during the day, but there was no drying. Felt some of the *Helleborus* for first time & refed one lot of *apurea*!

28th March. Another similar cold day, with melted snow falling most of forenoon & light E breeze, with much haze & hill fog all day.

29th March. Similar to yesterday, but scarcely perceptible E. breeze. Very heavy fine drizzle all time, not done without snow. Hills still shrouded in mist. South of line from S. Wale to S. Yorks temperature nearly 20° F. above that in N. Scotland!

30th March. At last the warm weather which has hovered to the south of us for nearly a week reached us today & we had at first a gentle SW air & much sun & blue skies & we saw the hills (except summit of St. Donard & Bonmahon) for the first time for a week. Snow patch on Thomas & many on other hills above 1500 feet, in spite of fact that temperature had risen 16° F. (like Belfast Newsletter). In afternoon I walked over



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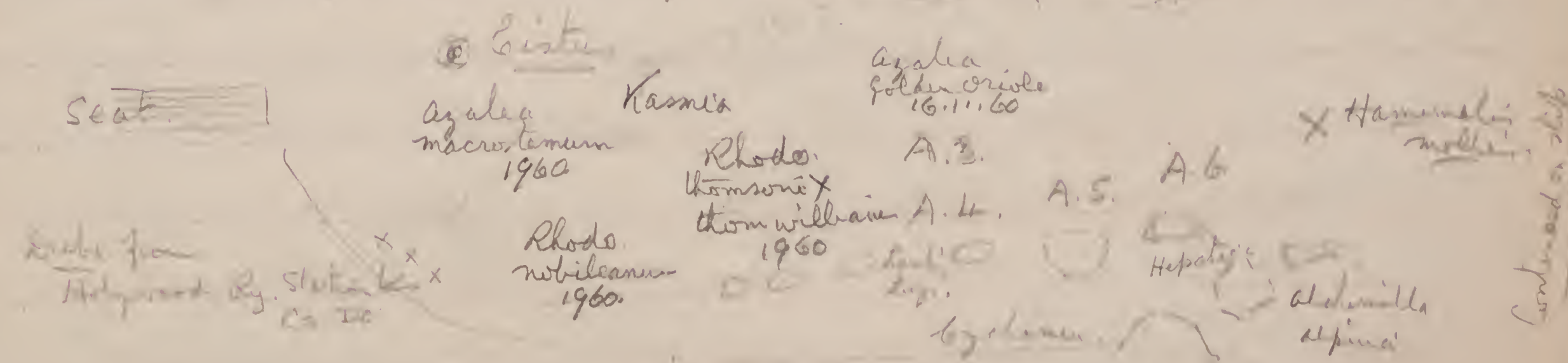
Drinshilly & back via the bog (now planted) on S. side of it & then round the W. end through the plantation. On way up. I stopped in a sunny, open space, side down which the sun shone from W. to look for Hymenoptera. First that looked to be a ♂ *Dolichopus* passed me. Then another came & alighted on a weed & this I captured: it proved to be *Dolichopus aeneus* ♂ - a rather small specimen!

A *Bombus lucorum* ♀ found in greenhouse when I opened the door for the day, late in afternoon & another seen. Honey bees swarming at our *Salix cinerea* now nearly in full flower.

31<sup>st</sup> March. George & Dora departed, as Margaret & the new baby (James Dawson Stelfox) due to leave nursing home today & Daisy went to Belfast with them & came home in 2.25 bus from Belfast. The cold E breeze & hill & sea fog returned today, with drizzle in early morning & though a blue hole opened in clouds over Courmoghland there was no sun here all day. Completed 'dry wall' along path by the barn W. of garage.

1<sup>st</sup> April. A dry, cold, mainly sunny day, with NE. fairly light very cold wind. But both fruit & back-lawn. Min. 47°F. Kirtland called in afternoon & returned some of my Doragal, 1955, plants she had had to set or get retted for B.S.B.I. report, but they were mostly ignored in said report.

2<sup>nd</sup> April 1958. Another sunny but cold, dry, day, with light NE. wind. Bunt 'Rudgers', etc., removed from bank & the barn in making path W. of garage in forenoon. Parcel of nine Japanese Dwarf Azaleas arrived by parcel post at noon from Hornbrook Nurseries, Hornsea, Sussex (ordered on 21<sup>st</sup> March) & in afternoon I planted these in border facing the barn a little W. of the rest at front trap in barn, as per sketch below.



A = Azalea sp.! Removed to new bed 21.11.58.  
 (A.1. = Hinodegiri: bright red) (A.2. = Gaddy Werry: { deep crimson red? })  
 A.3. = Orange Beauty: orange red. A.4. = White Lady:  
 A.5. = "Esmeraldo": A.6. = John Cairns: deep dark red.  
 NB colours are taken, where listed, from Dorcas nursery catalogues.

3<sup>rd</sup> April. Another fine, cold, dry day, but wind more northerly & more cloud. - more cloud - & on still shores of 'pickle' more at 4.30 P.M. In forenoon replanted 3 rows of potatoes at W. end of main plot (formerly divided down centre by a path). The first two rows are a mixture of Arrona Pilot & Ulster Chieftain & the 3<sup>rd</sup> row is Arrona Pilot. Sowed corner of back lawn next garage & near kitchen door the seed off which I had used along & under the clothes line. Used flame gun on upper path in back garden. This grass appeared on 21.4.58.



5<sup>th</sup> April. A cold, day, entirely dull day, with bitter N. N.E. wind.  
Picked up by 'Nick' Stevens & Michael E. S. Harrison (of Queen's Univ.)  
& spent day with them in the Killarney district as follows: -

The first called at a gravel pit between road & sea E. of Tyrella, where Stevens showed us a "crack" - "ice crack" - in the horizontally bedded gravels filled in with vertically placed pebbles, &c. Next we drove to the "clay pit" just inland of & at same level as the Strand lough at Killybegh where we saw a fine section of grey & reddish layers of the marine clay from which brack & hollow-burns have been made for a little over 50 years. Here I picked up two bivalve shells (Valves of ) probably from the surface!

We also saw some freshwater shells in a surface deposit including Limnaea prunus, Planorbis carinata & Bithynia lenticulata. Also abundance of Carex riparia, & Chara & the moss tortula.

5<sup>th</sup> April 1958, cont.

Seeing the clay pits we returned to the cave leading  
into the NE corner of the White Bog, W. of Kellenburg,  
& Morrison made a trial here near "Station 2" where  
late R. J. Walsh & I dug a pit in 1913. This  
showed the usual section of peat - mud,  
overlying sand, sand & the marine clay.

We then proceeded by road to the upper of two marshes between the White Bog & the sea & a bore near the S.E. corner of this yielded the same sequence as above & a small number of the shelly material which I took yielded the following shells: — *Pinna pergeri* (32), *Pecten tenuis* (24), *Pecten crinitus* (1), *Pisidium caeruleum* (1 shell, 2 valves), *Antidion* (6 or 6), *P. rubrum* (3 or 4), *P. submarginatum* (5 or 9), *P. balthicum* (1 or 2), *P. cf. balthicum*, var. *lappaceum* (1 valve).

Later we drove N. & leaving the car at Ballybarnon  
we walked round the coast, across Bander Bay &  
out to Killard Point where Morrison wished to  
see a "red alga". In several of the holes  
in the calcareous cliffs of Bander (where later Baron  
Foster found a huge colony of the bee Colletes  
demissus) we saw birds which I feel sure  
were fulmars, but without glasses & in the failing  
light we could not be absolutely sure of the species.  
Boeckia danica <sup>2 plants & Sedum anglicum here, the home of Plantago sp. Sedum anglicum</sup> in full flower on the bare rocky points  
between Ballybarnon & Bander Bay. A species of Myrica  
(7.) common on the sandy flats. Home 7.30 P.M.

Whet. Shaler is a Cliff-draft <sup>seen</sup> } turn in front-garden  
N. and merged in Horner in } at 11 AM.

• *Acid*

9

23

11

1. am

22



22



10/2

170

11/11

6

2

5

3

100

11

22

1

12

7

100

1



6th April 1958. A very nice, dry, sunny day, with light, but still cold, NNE wind. In forenoon Michael Morrison came to take colour-photos. of *Sax. oppositifolia* & took one of the pink form from Glenade & one of the big purple form from Swardon. In afternoon he, & I & Daisy walked through the plantation to site of tree in barrowland as he wanted to see the *Agave* *cladonia* in the wettest stream & then across the river & home through Tollymore Park via Raggie's Bed & a small.

In back garden at 11 AM. saw a ♀ *Bombus lucorum*. *Carex rigida* showing flower spikes & one of the Japanese *Agave* with buds well advanced.

7th April. Quite dry, cold, day to yesterday, but less sun & so much colder. Wind W-NW & very keen.

Received present of small bush of *Pittosporum* from Mr. Smyly (?) & planted it in border by the burn (at W. end near garage entrance). Grown from seed & 4 years old & formerly in pot - told today!

In afternoon planted 2 more rows of potatoes: row 4 & 5 in main plot & both rows of Ballydoon (over seed!). In the 5th row the four bottom plants (next burn!) will be grown from two spuds cut in two: many in both rows very small. The top set in 5th row (next upper path!) somewhat shrivelled but with two fine healthy 1 1/2 inch sprouts. NB. Note of the progress of last are healthy & progressing & the cut tubers in good with set.

On 4th Aug. 1958 & p.m. see under this date.

8th April 1958. A very nice, but cold day, with light N.W. wind & much sun early & late, but afternoon mainly dull & therefore chilly. Daisy sowed one row of carrots, parsnips & cabbage & another row of peas, the last near bottom of garden near the large compost heap & onion sets, the other in upper plot near Anderson's fence.

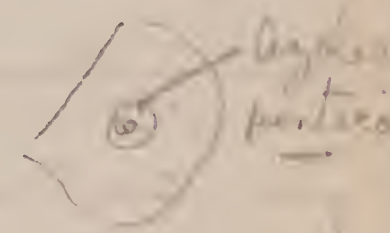
I received by parcel post 15 *Agave* & 2 *Daphne* *reageriana* from Byron Hill Nurseries, Harrow, Mid. (posted on 2nd ap. & ordered 21/3/58).

These planted as per schedule & list appended: -

1. Hinemayo: pink [Early salmon pink (Donnell's)]
2. Polystrophia: white
3. Zampet & V. <sup>Dead & replaced by one given me by Mr. Wood of unnamed at Alca from Tollymore Park Oct. 1960.</sup>
4. Hamedzini: red. [fiery red! in this catalogue]
5. Orange Beauty: orange-red. [Hence in list!]
6. Blagay's Pink: red & some pink.
7. John Barrow: orange-red. [Deep dark red: Donnell's]
8. Blagay's Pink
9. *Agave* *perplexa* [Dark mauve in list.]
10. *Agave* *multicaulis*: Kumbinger, Stein
11. Sabote: red.

- 12.
13. All four are *Agave* *multicaulis*
14. a. No 10.
- 15.

Many Bumble Bees about - & *B. lucorum* & *B. terrestris* (1) ♀♀ recognised - *Andrena* *gryllus* or *gryllus*.



The Wee Burn





9<sup>th</sup> April 1958. A very nice day on the whole, after our  
 or two very light showers during the night & about dawn,  
 considerable hot sun in forenoon, but NW. wind still  
 very cold. Afternoon & evening cloudy!

Weeding, scrubbing & removing stones!

10<sup>th</sup> April. Very wet in forenoon, with cold E. NE. wind. Dry  
 & cold later with wind light & variable. No work done!

Handed all income tax documents for year ending

5<sup>th</sup> April to Mr. Patterson of Provincial Bank.

11<sup>th</sup> April. A fine day sunny day, but latter NE breeze off the sea,  
 an anticyclone approaching from NW. The snow cap on  
 Chess Board received reinforcement yesterday & in today's  
 sun it is the big drift, a wind, on N. edge of St. Bonasday  
 very conspicuous, but now no snow patches remain  
 below about 2,000 feet. Very sea fog during night  
 & very sea fogging by 7 P.M. with no wind & clear sky.

12<sup>th</sup> April. After land fog, with both lakes frozen over, a most  
 gorgeous early morning & hot sun from 7 A.M. onwards, with  
 virtually no wind before 9 A.M. Anticyclone now said to  
 be centred over the Irish Sea & barometer 30.7 in.

*Anemone nemorosa* - full flower in Thimble Park & I heard  
 a Willow Warbler sing across the river as I passed  
 through the park. *Allium ursinum* apparently not in  
 flower. Bar a chilly NE. breeze - afternoon a  
 very lovely sunny day.

13<sup>th</sup> April 1958. Most mild & almost windless but at  
 times NE, then W. NW. Very hot sun at times, but  
 now cloudy the previous two days. In afternoon Daisy  
 & I walked to Tollymore Park via Curragh Road & back  
 & I took snapshots for the first time along side of  
 the river to the sea wall (below Baggins' Pond)  
 when I snap the following: -

Tollymore Park - 3.0 - 4.0 P.M.

*Stenomacrus ventralis* ♂ & all ♀♀ very fresh looking!

*Aspilota cordipes* ♂, square head! Ant. very long slender. 24-seg.  
with dimple, prop. organ, at head base, with!

Proctos. 1

Ichneumon 10 sent to Graham.

Cynipids frequent 10<sup>+</sup> 1♀ taken

Hemiptera 1 =

*Viola riviniana* in flower by our car turn in back garden,  
*Carum montanum* spikes full open, *C. claudii* in flower  
 for several days & *C. rugosum* spikes showing.  
*Campanula medium* & *Viola riviniana* in flower in Tollymore  
 also. White & Purple *Viola odorata* in flower in garden  
 - the white for about a week. Very blipped off heard on  
 Tollymore & a large "Hawk" seen soaring over the  
 trees, but ? species - not a kestrel & not a Buzzard but what?



14<sup>th</sup>

14<sup>th</sup> April '58. A very nice day, dry and at times, & especially before noon, very hot sun, but still N.W. light breeze. Afternoon at first much softer with S.W.W. wind & more cloud & just the merest drizzle of rain; later colder & wind more N.W. & increasing. Spent forenoon clearing dead grass, etc., from around the clump of *Shim* in course & broad sense, & also cut two squares & dug some on NW side of the clump into which to plant two *Conellia* bushes ordered on 8<sup>th</sup> from Bay View Hall, Haver. In "penny" & trench of *Deutzia* I introduced a ♀ *Broomrape* *delicellum* (the one seen on *Broomrape* flowers & from another trench of same grass flower & ♀ *Broomrape* *agrorum*). While getting ready for bonfire & most lovely first ♀ *Andrena clarkella* let first on the bonfire & then on the compost heap & swarmed herself - this in the first of the really early *Andrena* there were some or some here.

The typical purple *Daphne mezereum* in front of hall door now with 2 flowers open & a few buds to come - all the rest have fallen off during the hard weather of last two months - this is contrast to the white variety which has been in flower continuously since shortly after it & the purple were planted (on 7<sup>th</sup> Nov '57!) & still has a couple of fresh flowers in bloom, as well as many pale berries. *Antennaria*? <sup>beetle</sup> *Antennaria* first back & in garden near greenhouse. Gave admiring of feed & bone meal to the small *Cygnets* on front back.

14<sup>th</sup>

15<sup>th</sup> April '58. Bolder, but with good sunbursts between some heavy showers of sleet & hail, with squalls from NW. in forenoon. Afternoon dry & cold wind gradually dropped towards evening, but strong earlier.

I had a sore leg toe on right foot - following loss of nail a couple of weeks ago, due to injury by foot last year on walk to Gendarmen with him. Kilted, moon & horizon - almost a year ago! Hence could not do any work in garden!

16<sup>th</sup> April. A very nice day, becoming milder & with light drizzle in evening & wind dropped. A cold N.W. breeze in forenoon. Owing to my sore toe I could do little, but put a patch of snails & did some weeding & made a bonfire of grass & weeds removed from vases on 14<sup>th</sup>. Doing on other hand in my action & sowing fine vegetable marrow seeds in small pots & sowing them in greenhouse floor. Also sowed cornflowers, cosmos & Summer Chrysanthemum, *Minorette* & planted 12 corms of "miniature" *Gladstone*.

The first sign of life - a leaf - appeared on the *Anemone hepatica* planted in border just below the first loop of the burning back garden. On Sunday last, 13<sup>th</sup>, Mrs. Kilted brought me a branch of ♀ *Bay Myrtle* with catkins, which I had looked for in vain since we came here, & then made cuttings of it & put them in a 12" pot under polythene cover! [These cuttings did not strike, but later I brought home a ♀ bud from upper plantation E. of the Glen Reservoir & it has grown well! A.W.S. 4.5.58.]



17th April 1958. Fiddle with W. wind & slight drizzle all forenoon, after some sun in the night, but dry & little rain in afternoon & calm towards evening. Good Berlin offspring ready, given me by Mr. Lanyon, a serious rocky crevices in front back & along the back path - but garden. Resound the polythene covers on the 4 12" pots containing cuttings of various plants to allow rain to fall on them & find most looking well, but whether rooted or not I cannot yet tell.

Snow patches still on upper parts of St. Bernard & St. Bernard's. Red <sup>glorious</sup> Sansevieria off garden in flower!

18th April. Very mild, with fresh S.W. wind after some light drizzle at night & early morning. Forenoon & day, but dull, afternoon dry, windy, but with sun later.

In forenoon I dug eleven pits in border along the back in front garden into which I propose to put the six dwarf Rhododendrons & 5 Giant Ageratum I ordered on 8th from Byron Hill Nurseries.

In afternoon I continued planting potatoes in main plot & put in 3 rows Ballydoon & 1 row Ulster Chieftain.

Numbering from the W. there are rows 6, 7, 8 & 9, as follows:—  
 Row 6. All sets <sup>Aug 5 & 5 1/2 & 6 1/2</sup> and very large spuds, cut in two! } "Ballydoon" well  
 Row 7. All <sup>(except off the set which is large set)</sup> sets very small or small, uncut! } sprouted except for  
 Row 8. All are large & uncut. } a few of the cut  
 Row 9. All are Ulster Chieftain, uncut. Well sprouted & } halves.  
 looking very like the Ballydoons!

only a few small patches of snow left on 18th April & 19th April

19th April '58. A very nice mild day, with a few slight drizzle showers. Wind S-SW, light. Quite a growing day & many plants showed remarkable advances. Viburnum carlinii back in full flower, also Brake impatiens (see diary) & Torilis cf. hirs (Hollywood by station wall, ca. 1914). The Brake John Downy, the cordon apple Jane Green & the cordon pear Confiance with buds almost open. In forenoon our neighbour Mrs. W. Callum, St. Bernard's, handed me a flower & leaves of a plant I did not know. She wanted to know its name & said she had got it in an old garden. Therefore after lunch I took it across to Mr. Wood & he at once named it "Blood Root" Sanguinaria canadensis! & belongs to Papaveraceae. The flower, about as wide across when closed as a very, very, pale pink or cream, with 4 petals & 4 inner petals (no sepals), 4 stamens & many stamens. It is a creeping plant & grows easily, says Mrs. W. Callum & I have planted the root she gave me on the island in the 12th loop of the burn in back garden.

Most of the ferns, including the Osmunda, today showing the new fronds.

20th April. A very nice day, warm in shelter with much sun, but W. breeze quite chilly (Sunday). In afternoon we walked via "the pipe-line" & N. edge of Barrowland to The Grange in Tollymore Park & home via Begonia Park.



20.4.58, cont.

After some light rain during night, the ground encouraged growth & the Lithospermum "Heavenly Blue" with first flowers open & Anemone hepaticea with a second leaf. During afternoon walk we saw in hedge just W. of Tullybrannigan Burn, near the caravan park, Stitchwort in flower, Cherries, lots more Blackthorn, & the young shoots of Cornus nearly a foot in height. Only a few Bumble Bees seen & these all B. lucorum.

Only one very small snow patch now remains on the hill & it is the last remnant of the big drift which regularly forms on NE face of St. Bonnachadh above Pollgarra, a little below the level of the summit plateau.

21.4. April. The small snow patch on St. Bonnachadh still there at 9 A.M. in full sun & looks no smaller than yesterday afternoon, after a dry cool night.

A very perfect day, successful, with much sun & a very pleasant, light, cool W breeze in forenoon, NE off the sea in afternoon & none in evening. At 11.30 A.M. I collected a ♀ Vespa investigating a dead hornet. Spent a lot of looking for larvae. In afternoon I saw a Small Tortoiseshell Butterfly, a ♀ Bombus lapidarius & a Nomada (which looked like germanica, but this is not certain!) Spent most of day planting potatoes in main plot, as follows: —  
Over Stitchwort in flower by the burn in weezes.

21.4.58, cont.

Potatoes planted in main plot in back garden

Row 10 (from W) }  
July 11 } Kew's Pink (Bridges 1957 seed!)

23.8.58 12

" 13. Lower 1/2 Kew's Pink; Upper 1/2 Walter Chipton with a single large Ballydoon at top. <sup>2nd upper half</sup> 11/8/58.

Aug 14 }  
25.8.58 15 } Golden Wonder (still almost unspouted & small only)

22.4. April. Another perfect day with light S wind in morning & E (or SE) wind during middle of the day & no wind in evening.

The last patch of snow on Bonnachadh gone this morning, after a very heavy dew (almost frost) at night. Saw a Small White Butterfly, about noon & several ♀ wasps — possibly all the V. rufa seen yesterday.

Spent most of day planting more potatoes & finished the brassica row in main plot up to the raspberries, as below.

Row 16. Lower 1/2 Golden Wonder & upper 1/2 Kew's Pink  
Row 17. Blue (a Green Victory?) & 4 top sets Kew's Pink

P.T.O.







148.

24<sup>th</sup> April 58. A cool day with frequent showers of rain or hail but considerable sun. Wind S. & S.W. & squally with rain.

Out for a walk. In evening planted 7 rows of potatoes in plots between upper path & the lower. Longitudinal rows of potatoes planted on 21<sup>st</sup> April, as follows - beginning, up to road 3 rows.

— { Rows 1 & 2 are Standard & Rose  
 Aug 20.8.58 — { Rows 3 & 4 are White Supreme  
 Rows 5 & 6 are S. B. 17 are Chalky Queen

Just as I was coming in at 8.30 P.M. two Swallows flew over the garden going W. & N.W. Grass sown in patch opposite kitchen door on 3<sup>rd</sup> April clearly up today.

25<sup>th</sup> April. Dora's 3<sup>rd</sup> birthday! Dancer, now old yesterday. A day of sun, wind (S-SW) & showers - an April day!

Waited all forenoon & midday for shrubs from Bryn Hill Nurseries. Harvest, ordered on 8<sup>th</sup> April, but not delivered till 4 P.M. & so decided not to plant the Rhododendrons & Azaleas till tomorrow, but planted the two small Camellias behind the 1<sup>st</sup> house in the wazzy before tea.

149.

25.4.58, cont. The labels on these Camellias read as follows: - "Cam. Hectotranga white"

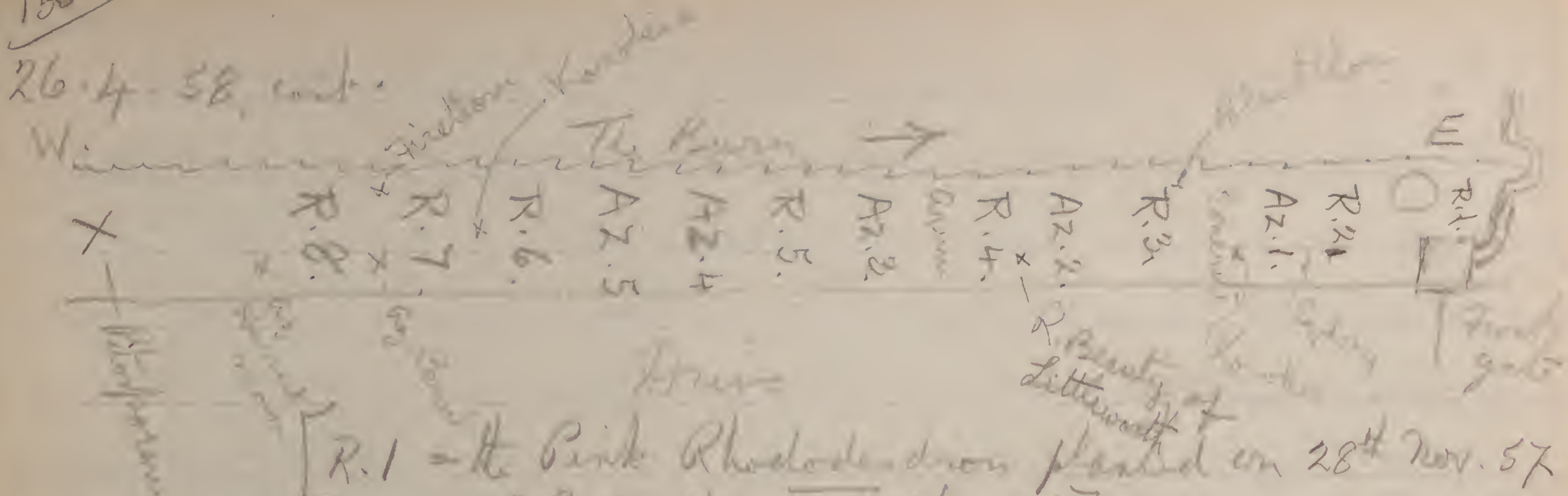
& "Cam. dorkelaria red variegated white"  
 The white planted nearest the house & "John Downy" & the red nearest Anderson's fence.

Other work done during the day: - weeding, &c. in front-lawn & garden in forenoon; feeding a quart of snails between dinner & afternoon tea &c. &c. I became more and more sure: making pit at second loop for the babies' bath purchased on 16<sup>th</sup> June to contain "bog garden" & trying out the height of hose to keep the material in it fresh. I could not make the water enter the 1/2" diam tube, but will have to fill it by hand to start the water flowing. A cold, cold, evening followed, with showers of sleet & hail, so that we had a fire for the first time for a week.

26<sup>th</sup> April. A rather mild, blustering day, with frequent showers of rain, sleet or hail: wind strong, westerly, rising N.W. Cold, except during sunbursts. In forenoon I planted the Rhododendrons (7) & Azaleas (1 plant - hybrid) (5) which came yesterday in the following order (from the front gate towards the house!) in border between the drive & the turn in front garden: -



26.4.58 cont.



[R.1 = the Pink Rhododendron planted on 28<sup>th</sup> Nov. 57 = "Prof. Hugo de Vries".]

R.2. [Rhododendron: dead] replaced on 27/9/58 by an <sup>smaller</sup> <sup>one</sup>

AZ.1. *Azalea pontica*: John Klinger: red  
Patch of cement mortar in border.

R.3. [Rhododendron: dead] replaced 10/10/58 by an *Azalea* <sup>blue</sup> <sup>de Reali</sup>

AZ.2. *Azalea Charles Baumann*.

R.4. [Rhododendron] dead & replaced 10/10/58 by an *Azalea* <sup>pink</sup> <sup>one</sup>  
Patch of *Winnipeg* <sup>maculatum</sup>.

Thorn AZ.3. *Azalea pontica coccinea speciosa*: orange red.

R.5. [Rhododendron: dead]

AZ.4. *Azalea pontica* Fanny: pink

AZ.5. *Azalea nana* <sup>flora</sup>: dead

R.6. Rhododendron

Thorn R.7. "

R.8. "

[Added Oct 1960  
*Azalea* <sup>Harrist</sup> <sup>moon</sup>  
<sup>ag.</sup> <sup>Perril</sup>

X Rhododendron <sup>Beaut.</sup> <sup>of Littleworth</sup>  
<sup>from Dorland nursery</sup>  
26.10.1960.

All shown from <sup>Byron Hill</sup> <sup>nurseries</sup> <sup>hills</sup>  
<sup>Harriet</sup> <sup>on the</sup> <sup>mt.</sup>  
But 3 replaced 10/10/58 by <sup>from</sup> <sup>Dorland nursery</sup>  
See above.

26.4.58 cont. While the condition of the 2 *Camellias* & the 5 *Azaleas* was excellent, only 3 of the *Rhododendrons* appeared to be fresh & the remainder looked as if they had been out of the ground for several weeks & all seven were packed loose outside, the packing in which the *Azaleas* were wrapped & none contained any soil around the roots. Soil was bone dry & only protected by the large "paper bag" in which all the shrubs were enclosed. Whether any of the *Rhododendrons*, except the 3 fresh ones, will live remains to be seen, as the leaves are for the most part dry & shrivelled - even after a night in water. [none of the four were saved - some were dead, some were packed]

In afternoon went with Daisy to the plantation to gather *pea-sticks* & some "fire-sticks".

Poured water into the hose & started it flowing to see if water would rise as high as the bath at foot of the rock border by the second loop. It will!

Boston apple (W. tree!) & the pear (W. tree) from Green & Co. respectively, now well in flower.

27<sup>th</sup> April. A rather nice day with little wind & slight drizzle at times. Much milder. Sunday!

In evening tried transplanting some of the cuttings. I had cut out all winter in 12" pots, covered with polythene. Several of them have nice roots, several small roots, but the *Azalea*

I moved had not a trace of a root - although quite good foliage & flower buds. *Silene diaphanica* in flower & *Camellia* <sup>var.</sup> <sup>alba</sup> almost out. Both from Rose Lane.



28th April '88. A rather windy (W) day, but with a little fog over the hills till late evening. In forenoon I packed off some of second *Neotoma* on post-bank along with. In afternoon I arranged traps & dropped the line on a hill side to some extent to get water from it for the garden - very weather & about 3.30 P.M. I swept the collars & bushes in the wiggly & along the bank in back garden & took the following parasites:-

*Theridion* 2 ♂♂, ant. both 20 =

*Campoplex* 3 ♀♀ = *Omeria* cf. *bonaldi* Lat. ♂ ant. 22. (For spec. see off page!)

2. *Gingiter* cf. *sordida* ♀, ant. 23. same as taken on 18.4.88 (both might possibly be *Gingiter* cf. *sordida* Lat. ♂ ant. 23. 18.4.88)

*Neotoma* same ♂ & *Neotoma* cf. *recessa* ♂ ant. 18

*Aspilota* off. *Sordida* now kept

*Chalcids* 3 ♀♀ kept off *Sordida* - sent to Graham

Large Small Tortoiseshell Butterfly & a large ♀ *Bombus* - latter visiting flowers of *Viola canina*

*Bombus muscorum* ♀ seen in wiggly.

29th April. A very warm day & considerable sun in afternoon. In England temperatures rose to 73°F & it was the warmest April day for six years.

In afternoon Daisy, Mr. Mahood & I walked to far end of the golf links along path next the railway (formerly) & home via the sea-margin of the dunes. I brought home an entirely "blue" & an entirely "yellow" *Horace* parasy & attempted to get roots of the white form of

29.4.88, cont. Newcastle Dunes, DO., cont.

*Vaccia angustifolia* but rather the first will grow remain to be seen & whether it is the white form <sup>the only one!</sup> or not - also remain doubtful as it was not yet in flower. These put it in a pot, temporarily, to see if it will live. The *Bombus* sent plant in <sup>border</sup> ~~off~~ <sup>2-3 ft. up back garden</sup> where already there is one which came up in back garden last year as a seedling & is probably *Viola tricolor*! I swept here & there in outland salt & then to the pond at N.W. corner of the golf links - next the "railway" & took the following insects:-

Newcastle Dunes, DO. 3.0 - 4.0 P.M.

- Aspilota* ♂
- Dacnusa* *medialis* ♂ & ♂ at pond 2. *raggiana* ♂ at pond
- Neotoma* ♀ = *Neotoma* cf. *recessa* ♀ ant. 22 (see off page!)
- Hemiteles* ♂ & ♀ = *Hemiteles* cf. *recessa* ♂ & ♀ ant. 22 (4) (For spec. see off page!)
- Campoplex* ♀ = *Omeria* cf. *bonaldi* Lat. ♀ ant. 21. (For spec. see off page!)
- Brachon* cf. *opacus* ♀, very nice specimen. ant. 22.
- Aspilota* (*Synaldis*) cf. *medialis* ♂, ant. 24.
- Dacnusa* cf. *medialis* ♂ & ♀, ant. both 22.
- Proctos* 4: 1 mtd. *Aspilota* off. 1 ♀: ant. 24
- Chalcids* 4: sent to Graham
- Ichneumon* 2: not mtd.
- Hemiteles* 1 = *Metacanthus elegans* *Linea apertus* 2
- Bombus* 4, including *Aspilota*



154.

30th April 1958. Another dry, mainly dull day; windless morning & forenoon & warm, but a cold NE wind off the sea in afternoon brought the temperature down sharply. One swallow later in evening. Garden was very dry & if we were to water the recently planted plants, they had suffered very much from the 3 week cold wind of March. At tea time saw a small flock of, I think, House Martins & I would say they heralded the arrival of the local population.

1st May 1958 After 9 AM. entirely very hot, blazing sun until late evening when some light clouds appeared. Very warm! Too hot to do heavy work & extensive watering of the recently planted Azaleas, etc., necessary this & the last few evenings. In afternoon I planted the most rows of potatoes in upper plot next the "rock" exposure along Anderson's fence of which the two western rows are the white potatoes which came from Mr. M. Heill with his Kerri's Pink & I call "M. Heill's White" & the two eastern rows are "Blues", also "Arran Victory" & Kerri's Pink. Buckoo heard calling in afternoon from the direction of Derinaghilly.

Garlic in flower by the burn in back garden, brought from Shinn's Park last year! *Anemone nemorosa* (from Tollymore) did not flower. *Lysimachia nemorum* in flower & Golden Samaras.

155.

2nd May 1958. Another dry day, very close & warm with light W. breeze in early morning, then cool & E wind off the sea & became fresh, then again warm & almost windless, but a "cold front" coming S. from Scotland forecast to bring drizzle, followed by frost, but no sign of these changes when I came in for garden shortly before 9 P.M. Saw several Small White Butterflies & a ♀ *Bombus pratorum* during the day & saw a House Sparrow successfully attack, knock down, & carry off one of the White Butterflies. Following the frost warning at 1 P.M. (repeated at 6 P.M.) on B.B.C. I moved out the first five rows of potatoes, which were well up, as to protect them. First *Primula scotica* with flowers open today. <sup>most beautiful by first crop of here in flower - for Shinn's Park 1957.</sup>

3rd May. A sunny, but cold day, with strong & bitter E. NE wind off the sea - a cruel day for the garden. Cleared up the first few yards of the right bank of the burn next the bridge & post-gate in morning. In afternoon & early evening arranged an outlet from the new bog garden in the hedge back of the main back of the burn in back garden so as to allow the wheelbarrow to pass over it without harm. A ♂ *Eubasilis extensor* on kitchen window in the morning examined & released!

Received back 2 *Tringa bairdiana* H. from B. Mackenzie of Frankfurt a. M. & a present of a ♀ of his species *T. rivicolis* sp. n.

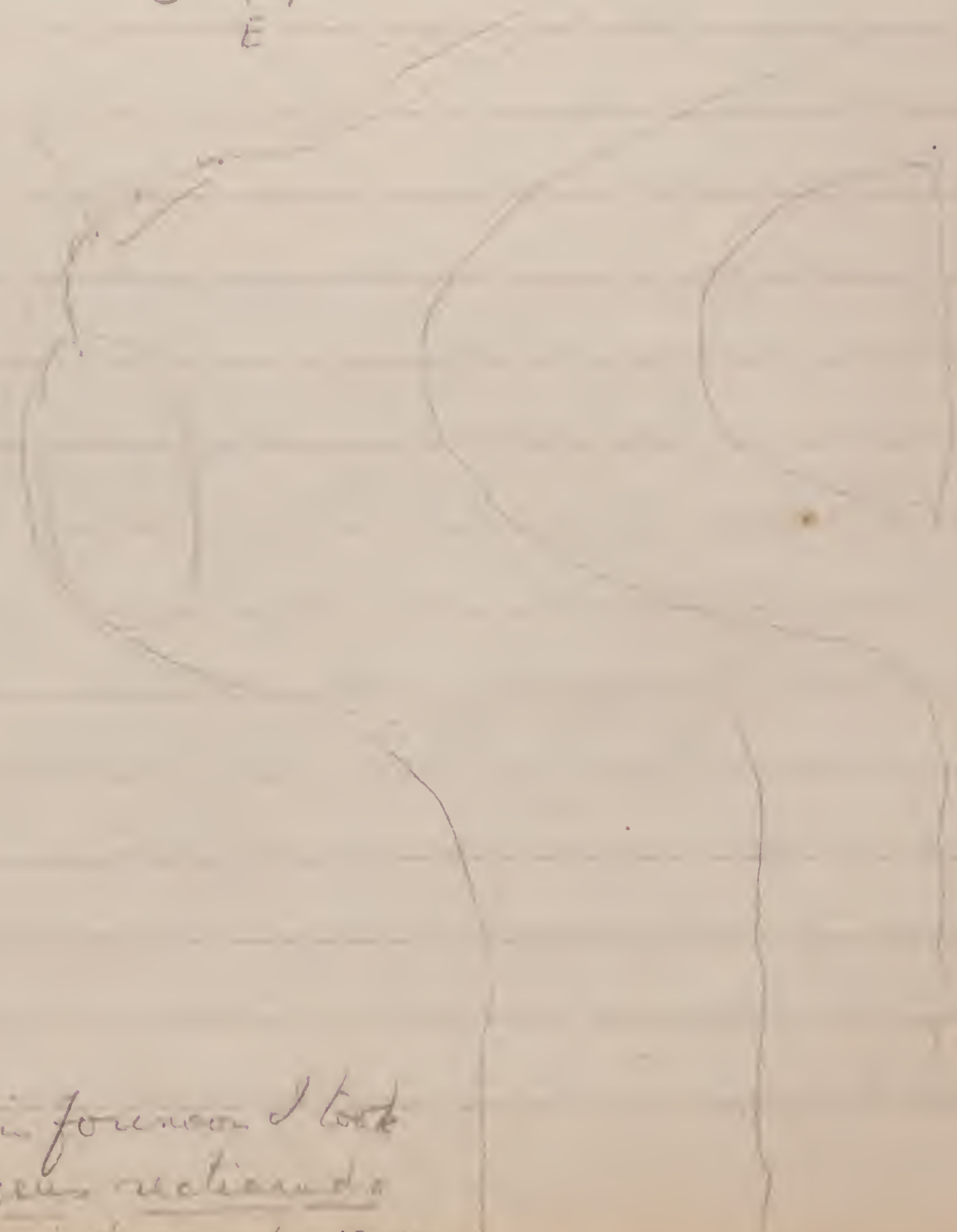


4th May 1958. Sunday. In afternoon Brian & I walked up to Burrenhead, through the plantation, across the Tullybrannigan Burn, across the river (not quite dry) & up on a steep 3/4 way up Clon in cloud. We examined various rock outcrops & about 100 ft alt but saw no plants but the rocks.

5th May. Dull & drizzly due to cold E breeze off sea & warm SW-W wind up shore. Hence sometimes cold with drizzle alternating with calm, rain & almost sunny periods. Later a cold wind came up from SW-W & cleared the hill-fog. The drizzle started at 8 AM & continued till about noon, sometimes very light, sometimes quite heavy, but in afternoon what fell was very little. Despite of the fact that the ground was only wet on surface the vegetation responded immediately to the rain & everything much "jumped". I completed the "bog-garden" by the second clump & covered in the pipe-line leading to it, placed stones (rocks) around the edge of the bog & planted slips of *Sax. spathulata*, *S. hirsuta* & the hybrid from the three clumps just N. of the stepping stones across the rockery opposite the greenhouse. Also slips of *Sax. aizoides* from Sligo (2? nursery) & *Antennaria dioica* from Hall's Hole. Beside the inlet to the "bog" I put yesterday plants of *Chrysosplenium*

5/58, cont. from the back of the burn. The "bog" now consists of the "batter" "batter" purchased from W. Brown's last week, filled with the coarse "washed" granite sand from Kilduff & some river chips - some on the drain! - up to just above the rim of the batter, fed with water brought from some 10 ft up the burn in a 1/2" plastic water pipe. At the inlet end of the bog I have made a small pool of open water some 10 inches deep.

W  
S + E



At noon a very fine shower fell. Some plants were seen. S. hirsuta, S. spathulata, S. aizoides, Antennaria dioica, Chrysosplenium.

on kitchen window in forenoon I took a 7 inch - *Pterostichus relictus* & for capture of 2 on same window see p. 159 →



4<sup>th</sup> May 1958, Sunday. In afternoon Bunting & I walked up to Bunnymore, through the plantation, across the Tullybrannigan Burn, across the road (near gate) & up on a bank 3/4 way up to the road. We examined various small rocks to about 400 ft alt but saw no plants but the common ones.

5<sup>th</sup> May. Dull & drizzly due to cold E breeze off sea & warm SW-W wind up shore. Hence sometimes cold with drizzle alternating with calm, rain & almost sunny periods. Later a cold wind came up from SW-W & cleared the hill-fog. The drizzle started at 8 AM & continued till about noon, sometimes very light, sometimes quite heavy, but in afternoon what fell was very little. In spite of the fact that the ground was only wet on surface the vegetation responded immediately to the rain & everything was "jumped". I completed the "bog-garden" by the new trap & covered in the pipe-line leading to it, placed stones (rocks) around the edge of the traps & planted slips of *Sax. spathulata*, *S. hirsuta* & the hybrid from the three stumps just N. of the stepping stones across the rockery opposite the greenhouse. Also slips of *Sax. aizoides* from Sligo (2° nursery) & *Antennaria dioica* from Hill's Hole. Beside the inlet to the bog I put yesterday plants of *Chrysosplenium*

5/5/58, cont.

from the bank of the burn. The "bog" now consists of the "bodies" left "purchased" from Mr. Brown's last week, filled with the coarse "washed" granite sand from Hill's Hole & some siltier chips - same as on the down! - up to just above the rim of the bath, fed with water brought from some fifth foot up the burn - a 1/2" galastic water pipe. At the inlet end of the bog I have made a small pool of open water some six inches deep.

W  
S + E  
E



Swift! At noon a very few Swifts flying over the bog.

On kitchen window in forenoon I took a ♀ tick - *Picrostigenus ruficornis*. For capture of ♂ on same window see p. 159 →



6th May 1958. After early morning rain, a very nice  
cool day, with W-NW cold wind, but very intense  
a few light showers. After rather frosty night,  
while I was preparing dinner, we set off at 12.20 noon  
+ walked through the plantation + up the Glen River  
+ into the moor. Have had no rain at 1.15.  
We then continued round SE flank of Shave-  
na hill, + up the long slope to summit of  
Shave-na, 2,203 feet, + on along the ridge to top  
of Shave-na summit, down to the east + home  
via the Glen River. Reached home about 6.40 P.M.  
- very show going. Except *Vitis vinifera*, *Polygala*,  
+ one plant of *Anthranthus* nothing seen in flower above  
the plantation, but *Carex proserp.*, *Criophorum* (2 spp.)  
+ *Scirpus caespitosus*. I believe there is much  
*Artemisia vulgaris* near + NW of the summit but difficult  
to be sure of. In the heathland near Home the plant  
I brought from here last year is now in flower in  
garden + is undoubtedly *argentea*. No sign of fruit  
growth on *Selin. heliosc.*, though that in garden for long  
now - full leaf + showing withering. Brought home with  
clump of *Saxifraga stellata* found plentifully growing  
amongst the moss, in spring - had on  
SE or E slope of Sh. summit at ca. 2300 ft. + plants  
now in near "boy garden". Grown some potatoes for fun  
of fruit - with papers + "sheet" in late evening.

6.5.58, cont.

On the way up the upper part of the Glen River, as far as the stile at  
top of the plantation we had but none + found lots of *Andrena*  
*lappacea* was flying in dozens, as well as a few very fresh  
♀♀, two of the ♀♀ were seen attending flowers of *Standale*  
+ I doubt if any *Veronica* was yet in flower in the vicinity.  
One ♂ + one ♀ taken!

7th May '58. This opened with cold drizzle + strong SE  
wind, after a cold night but no frost. Drizzle or  
rain continued off & on all day, but temperature rose  
considerably + wind dropped in afternoon, with a few  
brief spells of sunshine. Later, however, wind fresh  
again + rose almost to gale force. Wind fell steadily  
all day + still falling at 10.30 P.M. Little could be  
done in garden, but in early evening I prepared the  
plot around the patch of mint + upper bank, against the  
wuzzys, for potatoes. In forenoon I equally busy  
with ick I believe to be the ♂ of *Saxifraga* *stellata* in  
kitchen, on window just where I took the ♀ on 5th May.

8th May. Posted my report (tentative) on C.B. Loomis' *Perilobus*  
bred in Canada from *Sitona* (swamp) sent from Sweden  
+ France. After a stormy night, with a cold, mild, day,  
with gusty S wind, with a thunderstorm passed to W of us  
at ca. 3.0 P.M. accompanied by violent squall with hail +  
rain for some 20 minutes. In forenoon I planted



8.5.58, cont. The last of my seed potatoes of the season in the mint patch at W end of the top border, as follows:—  
 all "blue" (brown variety) except (1) the root E. row which  
 are Bullfinch, & (2) a single plant transplanted from  
 E end of top border where potatoes of my last year  
 but at present the kind not known. Saw a ♀ *Bombus*  
*pratorum* at the flowers of *Andromeda polifolia* in rockery.

Bullfinch  
day 20.5.58

9th May. A dull day, rather chilly day & no sun till just before sunset, with frost forecast in many places tonight. Since before coming in I moulded up all the potatoes which are above ground. In forenoon I cleared grass & other "undesirable" from 3 more yards of the back of the burn between drain & burn into front gate. For some time now one or more ♀♀ of *Bombus agrorum* have been regularly attending the flowers of *Lamium galieobdolon*, which have been in flower continuously since about <sup>or earlier</sup> summer time. The last flower spike in *Sax. oppositifolia* destroyed by yesterday's thunderstorm: its first flowering on 19th February - see p. 118 ante!

10th May. A very nice, dry day, with much warm sun, a few clouds, & gentle NW breeze. Cut front lawn in forenoon, fed mail, as usual & searched seeds on front drain with flame gun in afternoon & cut path in wazzy & did some weeding in evening. A ♀ *Bombus jonellus* seen at entrance of ♀ *Salix phylicifolia* in rock garden & this probably seen on same plant on 9th from nettles near window but not identified.

11th May '58. A nice, cold, dry, sunny day till about 3 PM, when a light drizzle commenced. Wind NE & fresh, dropping in late afternoon as the drizzle came on. Drizzle cleared about 3 PM.

Being sent to Sturges to attend the christening of our grandson James Duncan Sturges (born on 25th March) in St. John's Church, off Ormeau Road. I went up the hill & examined the mounds on 2 slopes of Sherahill & found only a few pods of *Leptochloa* & *Basil* fern showing & no sign of growth on the *Sedum rosea*, a first everything very backward for May. In garden all the mossy Saintpaulias, 4 *Pumila scabra*, *Silene acaulis* & many other things at their best. *Dryas* in flower! 1/2 mts. Saw a very nice ♀ *Myrica gale* on one of the wet scrub E. of the main cliff where the *Sedum* is & a few yards further E. I flushed a ♀ Ring Ouzel off a nest with 4 eggs. On the way up through the plantation I saw quite a few or Holly Blues & some Spotted Woodpeckers, about 6 or 7 of the former at rest on a Laurel bush in full sun.

12th May. After a cold wet start the day cleared gradually to fine sunny, but cold, evening, with frost looking almost inevitable & forecast. Wind NW then NE & later dropped. Took a 2nd or 3rd *Pieris* given on kitchen window. It taken on 7th. I am wondering if they are hatching out of something in the house: "potatoes or shallots"! Had letter from Miss J. S. Thomson saying the *Riccia* I had found growing on our drain was *R. sorocarpa* & this not recorded for Down in *Flora N.E.I.* (2nd ed.)



13<sup>th</sup> May 1958. A hot day after a very, white frost but before the precautions taken in covering garden etc. etc. from the rain. The sun was out for 2 hours. We left home at 10.15 & spent day - till 2.30 PM. visiting to summit of St. Peter's. Crossed up via the Glen River & back on Clonshan, on the main road. Drove & back on 64. We had seen almost all day, though much cloud round about & 12.00 fog was in Glen St. Peter & St. Brigid's out of the day. Glen falling in evening & Ch. & change. Saw a few hares on St. Peter's hillside near the summit.

Today and 14th May 1958. Very hot day with sun & rain. 14th May 1958. Very heavy rain, with 20 wind, during the night & early hours of the morning, but rain stopped about 11 AM. & sky cleared after dinner & the afternoon bright but cold, with strong N.W. wind, which dropped about sunset & frost appears almost certain.

14<sup>th</sup> May. Very heavy rain, with 20 wind, during the night & early hours of the morning, but rain stopped about 11 AM. & sky cleared after dinner & the afternoon bright but cold, with strong N.W. wind, which dropped about sunset & frost appears almost certain.

15<sup>th</sup> May. After a very bright, cold, sunny morning, with keen east wind, the day gradually deteriorated, wind rose to strong from S.E. & rain set in at 6.30 PM. & depression from the Atlantic approached. In forenoon arranged with M. Mill to obtain our tickets for Glasgow & Kilmarnock on 26<sup>th</sup> June & get presents for Dora & Lillian tomorrow. Took *Amietus uliginosa* ♀ & a Chalcid in window of garage in afternoon.

16<sup>th</sup> May 58. A fine day, after a night of stormy night, but wind cold N.W. & at times fresh. Went to Belfast by 9.55 AM bus, purchased wristwatch for Dora, at Sherrin D. Mill. & then went on to Ligon & bought a Voigtlander "Vito 2" camera, 2 rolls of 20 colour film & exposure meter, before going to George's to see the grandsons - now seven weeks old (approx). Had lunch with George, Margaret & Dora, inspected the baby & saw some & couple 2.25 PM. bus home.

17<sup>th</sup> May. A nice day on the whole, but strong winds - SE early & later SW & W. After 10 AM. very mild, with sun but sun when the sun out. Received the Voigtlander camera, purchased yesterday in Belfast. Also the wristwatch for £2.50 Louisa's Christmas Card. Dora & transfer from for £1.50 Mother & Platt Oct. when for Goodwood, & Webb. First flower on Hawthorn out of the house.

18<sup>th</sup> May (Sunday). A very dry, bright sunny day, with very strong drying W. wind, till about 4 PM. when it became dull with misty rain on the hills & easterly wind. Wind dropped entirely in evening. Just before tea I swept round the wuzzys - chiefly off *Salix caprea* - for 15 minutes, 4.50 till 5.10 PM. I took the following insects. St. John's Wort, purple, in flower & the first of last year's seedling *Salix* up. These were left in ground all winter. For insects see next page →



18.5.55, cont. Sifted in the baggy, back garden, Tullybrannigan  
near the house, 18.5.55 - 2.10.55

Pontania 3.4

Curia 10

Pimpla maculata ♀, ant. 24.

Periclyptus ? ♂, ant. 29.

Campoplegid 2♀♀ = Sogerita punctata ♂, ♀, ant. 22.

Angitia sordida Th. ♀, ant. 22.

Theridion 2♂♂ mounted: ant. 21.

Dioctopus cf. oblongus 1 large ♀, ant. 30.

Rogas cf. sinuatus ♂, ant. 40.

Euclyptus cf. octopus ♂, ant. 34: small truncatus 11.

Phaenocarpa galathea Hal. 10♂, 2♀♀, ant. 23(♂), 19 & 21(♀♀).

Triclistus leptus Hal. 3♂♂, 3♀♀, ant. 13(♂) & 11(♀): very typical series!

Ephialtes spp. 7: none mtd.

Proctos: minute 3

Ichneumonids 12: sent to Graham.

Cynipids 4 (2 spp.) ♂♂

Diptera 1.

[Chalcididae: Meloboris vulgaris picked up near the  
letter box on Tullybrannigan Road.]



